# A CORPUS-BASED STUDY OF ENGLISH SYNONYMS: APPROPRIATE, PROPER, AND SUITABLE 

## BY

## MR. NATTHAPON PETCHARAT

## A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS IN ENGLISH FOR CAREERS <br> LANGUAGE INSTITUTE <br> THAMMASAT UNIVERSITY <br> ACADEMIC YEAR 2016 <br> COPYRIGHT OF THAMMASAT UNIVERSITY

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# THAMMASAT UNIVERSITY 

LANGUAGE INSTITUTE

THESIS

BY

MR. NATTHAPON PETCHARAT

## ENTITLED

## A CORPUS-BASED STUDY OF ENGLISH SYNONYMS:

 APPROPRIATE, PROPER, AND SUITABLEwas approved as partial fulfillment of the requirements for the degree of Master of Arts in English for Careers
Chairman (Associate Professor Supong Tangkiengsirisin, Ph.D.)
(Associate Professor Prima Mallikamas)
Dean
Pamsini singhgoruche
(Associate Professor Pornsiri Singhapreecha, Ph.D)

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| Major Field/Faculty/University | English for Careers, Language Institute |
|  | Thammasat University |
| Thesis Advisor | Asst. Prof. Supakorn Phoocharoensil, Ph.D. |
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#### Abstract

This study investigates three English synonyms, i.e. appropriate, proper, and suitable, concentrating on meanings, degrees of formality, collocations, and grammatical patterns. The sources of data used in this study are 1) three dictionaries, i.e. Longman Dictionary of Contemporary English 6th edition (2014), Longman Advanced American Dictionary 3rd edition (2013), and Macmillan Collocations Dictionary (2010), and 2) the Corpus of Contemporary American English (COCA). It was discovered that the three synonyms share the same core meaning, but still differ in terms of detailed meanings, degrees of formality, collocations, and grammatical patterns. For this reason, the three words cannot be used interchangeably in all contexts. In addition, it was found that the corpus provides some data which is nonexistent in the three dictionaries.


Keywords: Synonyms, Corpus, Sources of data, Dictionaries

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## CHAPTER 1

## INTRODUCTION

### 1.1 Background of the study

It is globally accepted that English is an international language that plays a prominent role in today's international communication. English is now used as a lingua franca - a language widely used as an international language by people from various nations who do not share the same first language. English is now so commonly used that there are even more second or third language users than native speakers (Harmer, 2007).

In studying English, vocabulary is the most important element. According to David Wilkins, "without grammar very little can be conveyed, without vocabulary nothing can be conveyed" (Thornbury, 2002, p. 13). This statement clearly emphasizes the importance of learning vocabulary in that if one focuses on learning only grammar, one's language learning will not be productive enough. Instead, one can see obvious improvements if one learns more words or expressions (Thornbury, 2002).

It is known that English contains a large number of synonyms, which are words that share similar meanings, because its vocabulary has been derived from Anglo-Saxon and other foreign languages such as French, Latin and Greek (Palmer, 1997). Therefore, one important aspect of learning vocabulary is to learn synonyms. Learners who want to gain a high level of English proficiency must inevitably be aware of the correct use of synonyms. However, not all words in a set of synonyms can completely substitute for one another in every context. One word is appropriate in a particular context, while others are not. The way synonyms can be distinguished relates to dialects, styles or degrees of formality, connotations (Jackson \& Amvela, 2000), collocations (Palmer, 1997), and grammatical patterns (Phoocharoensil, 2010).

Although a number of synonyms have been studied, some synonyms are yet to be investigated. Among these uninvestigated synonyms are appropriate, proper, and suitable. These words are categorized as among of the most important 9000 words to learn in English and are in the top 3000 words in terms of frequency
(Longman Dictionary of Contemporary English, 2014). As can be seen from online English learning forums on English learning websites such as english.stackexchange.com, forum.wordreference.com and www.eslhq.com, a number of questions concerning how to distinguish these three synonyms have been posted. Many forum users have given answers to the questions, yet the answers seem to be based on their intuition, and almost no concrete academic evidence is provided to support them. Thus, it would be a good idea to study these three synonyms in a systematic way, using corpus data as the main concrete evidence to support the findings.

Based on the researcher's teaching experience, a number of questions about how to differentiate appropriate, proper, and suitable have been raised during class time. Only the researcher's intuition was relied upon for answers; no solid evidence was provided to the students show how these words can be distinguished in real use. Not until the researcher learned that corpus linguistics has been proven effective in distinguishing synonyms was a corpus-based study of this set of synonyms planned. It is expected that the study provide clear, reliable explanation as to how these synonyms can be distinguished.

This study investigates three synonymous adjectives: appropriate, proper, and suitable. The study compares and contrasts these three synonyms in terms of meanings, degrees of formality, collocations, and grammatical patterns. The data for synonym analysis were collected from Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). In addition, corpus data was consulted for additional information not shown in the dictionaries.

### 1.2 Research questions

1.2.1 How are appropriate, proper, and suitable used differently in terms of meanings, degrees of formality, collocations and grammatical patterns?
1.2.2 To what extent is the information given in learner's dictionaries different from that from concordance lines taken from the corpus?

### 1.3 Research objectives

1.3.1 To examine the differences between appropriate, proper, and suitable in terms of meanings, degrees of formality, collocations, and grammatical patterns
1.3.2 To compare and contrast the information given in the learner's dictionaries with that from the concordance lines taken from the corpus

### 1.4 Definition of terms

### 1.4.1 Synonym

Synonym refers to a group of words which are close in meaning but cannot completely substitute for each other in every context (Harley, 2006, p. 146). This group of words, despite having the similar core meaning, does not contain all the same linguistic features, and thus can be distinguished by particular linguistic criteria: meanings, dialects, connotation, collocation (Jackson \& Amvela, 2000), and grammatical structures (Phoocharoensil, 2010).

### 1.4.2 Corpus

A corpus (plural $=$ corpora) is a collection of written texts, which are electronically stored on digital data sources and used as linguistic items for lexical research (Lindquist, 2009, p. 3). A corpus provides users with a lexico-grammatical profile of a particular word in its typical contexts described in terms of collocation, chunks, grammatical restrictions, semantic restrictions, and semantic prosody or typical environments words usually occur in. The data from corpus can be analyzed both quantitatively and qualitatively (O'Keeffe A., McCarthy M, and Carter R., 2007).

### 1.4.3 COCA

COCA refers to the Corpus of Contemporary American English, which is a free-of-charge corpus created by Mark Davies at Brigham Young University. This corpus is American-English oriented and contains texts derived from American media such as newspapers, magazines and journals (Lindquist, 2009, p. 17).

### 1.4.4 Concordance lines

Concordance lines are a computer-based list of word occurrences in their textual environment. The concordance lines are shown with the target word or phrase in the center of the line with seven or eight surrounding words at both left and right sides (O'Keeffe A., McCarthy M, and Carter R., 2007, p. 8). These lines can be used for both lexical and grammatical analysis (Lindquist, 2009, p. 5).

### 1.4.5 Meanings

Meanings refer to dictionary meanings of the three words (appropriate, proper, and suitable), which are taken from Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). In this study, only the meanings with the sense of "right or correct" are selected for the study.

### 1.4.6 Degrees of formality

Degrees of formality refer to the formality levels in which a set of synonyms tend to occur. Some words in a set of synonyms should be used in formal contexts, while others tend to be used in informal contexts (Jackson \& Amvela, 2000, p. 95).

### 1.4.7 Collocations

Collocations refer to words which co-occur naturally with each other and become commonly accepted as a result of repeated use. Words which collocate are closely related with each other (O'Dell and McCarthy 2008, p.4) and influence the way we choose words in writing or speaking (Lindquist, 2009).

### 1.4.8 Grammatical patterns

Grammatical patterns refer to grammatical structures with which words in a set of synonyms usually occur. Grammatical patterns can be shared or not shared by words in a set of synonyms. According to Phoocharoensil (2010), grammatical patterns are considered one of the criteria for distinguishing synonyms.

### 1.5 Significance of the study

The study of three English synonyms: appropriate, proper, and suitable is significant in the following ways:
1.5.1 The study provides a better understanding of three synonyms in terms of meanings, degrees of formality, collocations, and grammatical patterns. For this reason, awareness should be raised that synonyms cannot be used interchangeably in all contexts. Students of English will learn to distinguish one synonym from the others and be able to use synonyms correctly in real contexts.
1.5.2 The study clearly demonstrates a modern method to investigate synonyms. The use of corpora in synonym study proves effective in identifying each word's degrees of formality, collocations, and grammatical patterns. This method does benefit teachers in that they can also apply this method in teaching synonyms in class.
1.5.3 The study can serve as a model and a reference for language learners who want to investigate other sets of synonyms by using corpus data.

### 1.6 Limitations of the study

1.6.1 This study investigates the three synonyms based on only 300 concordance lines, which means that the study may not cover other possible occurrences of these target words beyond these lines.
1.6.2 The study focuses on British and American English. The results may not adequately represent uses of these synonyms in other dialects.
1.6.3 Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA) are the only four sources of data used in the study. Data outside these sources will not be covered in this study.

### 1.7 Scope of the Study

This study is limited to a group of synonymous adjectives: appropriate, proper, and suitable. The data was derived from four sources: Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of

Contemporary American English (COCA), the latter of which gathers data from American English texts from 1990 to 2010. The study will explore differences between the three synonyms in terms of meanings, degrees of formality, collocations, and grammatical patterns.

## CHAPTER 2

## REVIEW OF LITERATURE

This chapter reviews the literature in two main areas followed by a summary of previous relevant studies: (1) the definitions of synonyms, (2) the criteria for distinguishing synonyms, and (4) a summary of five previous relevant students.

### 2.1 THE DEFINITIONS OF SYNONYMS

Oxford Advanced Learner's Dictionary 9th edition (2015) defines synonym as "a word or expression that has the same or nearly the same meaning as another in the same language."

The word "synonym" is derived from a Greek word (sunonumori), the meaning of which is "having the same name." Modern semantics uses the term synonym to refer to a relationship of sameness of meaning two words hold (Jackson \& Amvela, 2000, p. 92).

Palmer (1997, p. 59-63) defined the word "synonym" as "sameness of meaning". He stated that English is rich in synonyms because historically many English words come from other languages such as Anglo-Saxon, French, Latin and Greek. For this reason, English has pairs of native and foreign words that refer to the same things, such as fraternal and brotherly, buy and purchase, etc. Usually the native words are shorter and less sophisticated.

Meyer (2009, p. 150) stated that words are considered synonyms if they have similar or identical meanings. Synonymy can be tested by substitutability; that is, two words are synonyms if both of them can substitute for each other without changing the original meaning. An example of synonyms is help and assist (p. 170171).

## Strict and Loose Synonymy

Synonyms are mainly categorized into two types: strict or absolute synonyms and loose synonyms.

For strict synonyms, two words can be used interchangeably in all contexts. The choice of one word instead of the other produces no effect on the meaning, style, or connotation of the message. Strict synonymy causes redundancy in a language.

Historically, when two words are going to be strict synonyms, they compete with each other until one of them changes its meaning or becomes no longer used. An example of this type of synonymy is sky, which was borrowed from Old Norse, and heaven, which was a native English word. Both words mean 1) the region of the atmosphere and outer space seen from the earth, and 2) the spiritual realm of God and angels. The two words were in competition until sky evolved to mean only the physical, and heaven just the spiritual (Jackson \& Amvela, 2000, p. 93). As the definition of strict synonymy suggests, this type of synonyms is hard to find or may be nonexistent.

Palmer (1997, p. 60) stated that real synonyms do not exist because in a single language, there would probably be no chance that two words which have exactly the same meaning would survive.

Kreidler (1998, p. 97) stated that two words never share all the same linguistic features, such as the range of syntactic occurrences or meaning suggestions. He also stated that having two words that occur in exactly the same contexts and with the same sense would be wasteful.

Harley (2006, p. 146) suggested that synonyms can be similar in meaning, but they cannot be completely used interchangeably. He cited an example from Merriam-Webster's online thesaurus, which shows that a synonym of write is inscribe. However, the ranges of use and connotations of these two words are clearly not the same. It sounds odd to say inscribe a novel, but it sounds natural to use write a novel instead.

As for loose synonymy, linguists commonly refer to varying degrees of loose synonymy when they speak of synonyms. Dealing with loose synonymy, linguists identify both a meaning overlap of two words and certain contexts in which one cannot substitute the other (Jackson \& Amvela, 2000, p. 94).

An example of loose synonyms is find and discover. The two words can substitute for each other in some contexts. For example, "Lydia found/discovered the
ball behind the garden shed." However, the word found cannot be used instead of discovered in the context "Marie Curie discovered radium in 1898." This is because discover means "be the first one to come across something," while find means "experience something in some way." These examples illustrate that the synonyms can be used interchangeably when the meaning of the two words overlaps. However, when the context changes and the shade of meaning is not shared, the two words cannot substitute for each other (Jackson \& Amvela, 2000, p. 94).

### 2.2 CRITERIA FOR DISTINGUISHING SYNONYMS

English synonyms can be distinguished by the following criteria:

### 2.2.1 Dialects

People in different regions seem to use different words to mean the same person, thing, or concept. Thus, some groups of synonyms come from different dialects of the English language.

Some dialects may belong to the national standards such as American, British, or Australian English, while others may be of particular regions in a country or area (Jackson \& Amvela, 2000, p. 94). Take the word fall and autumn for example, fall appears in the United States, whereas autumn is used in some western parts of Britain (Palmer, 1997, p. 60).

The following words are sample pairs of British-American synonyms.

| British | American |
| :--- | :--- |
| lift | elevator |
| crisp | potato chip |
| football | soccer |
| underground | subway |
| purse | wallet |

(Longman Dictionary of Contemporary English, 2014)

Nevertheless, these groups of words exist because people use different vocabulary items when they communicate in different forms of the language. Their status is quite similar to translating English into French. For this reason, semanticists are hardly interested in these sets of synonyms (Palmer, 1997, p. 60).

### 2.2.2 Degrees of Formality

Synonyms can be distinguished by the style or formality of the contexts into which they are put. One word in a pair of synonyms may be appropriate to be used in formal contexts while the other is not; or one word may be a slang term or a word used in spoken English, while the other is a general term (Jackson \& Amvela, 2000, p. 95). For example, the words commence and start are synonyms (Longman Dictionary of Contemporary English, 2014), but it may sound weird to say, "I'll commence doing my homework tonight." because the word commence is used in a formal context, not in a talk between friends.

The list below illustrates additional pairs of synonyms distinguished by degrees of formality.

| Formal | Informal |
| :--- | :--- |
| benevolent | kind |
| endeavor | try |
| beverage | drink |
| relinquish | give up |
| ameliorate | improve |
| abominate | hate |
| affluent | rich |
|  | (Longman Dictionary of Contemporary English, 2014) |

The following synonym pairs are samples of Standard English and English slang.

| Standard English | English slang |
| :--- | :--- |
| astonished | gobsmacked |
| crash | prank |
| destroy | zap |
| drunk | sloshed |
| face | phizog |

(Jackson \& Amvela, 2000, p. 95-96)

According to Leech and Svartvick (2003), formal language is nearly always written and is used publicly for serious purposes or in formal writings. Informal language, by contrast, is the first type of language a child learns to speak and is the language of private communication. Compared with formal language, informal language is much easier to understand. That is why informal language becomes a language for public communication and is often used in newspapers and advertisements.

Leech and Svartvick (2003) suggest that there are differences between formal and informal languages. They propose that formal language contains the following features:

1) Many words of formal language have their roots in French, Latin, and Greek. These formal words can often be replaced by informal words of Anglo-Saxon origin. For example, "The meeting will commence at 4 p.m." can be replaced by "The meeting will begin at 4 o'clock."
2) Formal language does not use phrasal or prepositional verbs. Instead, this type of language uses precise vocabulary, which has phrasal or prepositional verb equivalents.

| Formal | Informal |
| :--- | :--- |
| discover | find out |
| encounter | come across |
| invent | make up |
| investigate | look into |

3) Formal vocabulary is greater in preciseness, while informal vocabulary is general in meanings. $J o b$ is an example of this. This word has no formal equivalent and replaces more precise and specific terms such as employment, vocation, and profession.
4) Formal language is impersonal in style. That is, the speakers avoid referring directly to themselves or the readers and do not use the pronouns $I$, you, and we. Impersonal language contains the following common features: passives, sentences that begin with introductory $i t$, and abstract nouns.
5) Formal language has its own grammatical features, such as the use of who and whom and the placing of a preposition at the beginning of a clause.
"She longed for a friend in whom she could confide." (formal)
"She longed for a friend (who) she could confide in." (informal)
"In what country was he born?" (formal)
"What country was he born in?" (informal)
(Leech and Svartvick, 2003, p. 13)

As Bailey (2003) suggests, in contrast to formal language, informal language contains the following features:

1) Informal language tends to be imprecise. The use of imprecise phrases such as a lot of, a long time, things, etc., or so on is obvious in this type of language.
2) Informal language contains idioms or colloquial words such as $d a d$ or guy.
3) Informal language tends to be personal. The use of personal expressions such as I think or they say is obvious.
4) Informal language contains contracted verb forms such as don't or can't.
5) Informal language contains two-word verbs such as go on or bring up.
6) Informal language contains question forms. One example of this is "What were the reasons for the decline in wool exports?" To be formal, this sentence should be "There were four main reasons for the decline..." (Bailey, 2003, p. 77)

### 2.2.3 Connotations

In a study of synonyms, connotations of the two words should also be taken into consideration. Generally, two synonymous words may have the same cognitive meaning but may be said to have different emotive or evaluative meanings (Palmer, 1997, p. 60). Take the words famous and notorious for example, both words denote the meaning "known about by many people in many places", but famous has a positive connotation, whereas notorious has a negative meaning. Notorious means "famous because of doing something bad" (Longman Dictionary of Contemporary English, 2014, p. 649).

The list below shows synonyms that have different connotations.

| ambiguous | equivocal (deliberately) |
| :--- | :--- |
| famous | notorious (disreputably) |
| hate | loathe (with repugnance or disgust) |
| misuse | abuse ( of privilege or power) |
| new | novel (strikingly) |
| obtain | procure (with effort) |
| persuade | inveigle (with ingenuity or deceit) |
| proud | haughty (with disdain) |

(Jackson and Amvela, 2000, p. 111)

### 2.2.4 Collocations

Longman Dictionary of Contemporary English or LDOCE (2014, p. 336) gives a definition of collocation as "the way in which some words are often used together, or a particular combination of words used in this way."

O'Dell and McCarthy (2008, p. 4) define collocation as "a natural combination of words; it refers to the way English words are closely associated with each other. For example, pay and attention go together, as do commit and crime; blond goes with hair and heavy with rain." They stated that learning collocations helps learners to increase their range of vocabulary. Learners will know how to avoid
such words as very, nice, or get by choosing another synonymous word that has a precise meaning and can fit the context better.

Palmer (1997, p.62) stated that "some words are collocationally restricted, i.e. they only occur in conjunction with other words." Take the words rancid and addled for example, rancid is used with bacon or butter, while addled is used with eggs or brain. He argued that these words are synonyms. The only difference is that they occur in different environments.

### 2.2.5 Grammatical Patterns

Phoocharoensil (2010) suggests another interesting criterion to distinguish synonyms. The criteria is grammatical patterns. It is often found that although two words have a similar meaning, they do not share the same grammatical patterns. For example, the phrases consist of and be made up of are considered synonyms because the two phrases mean "to be formed from two or more things or people" (LDOCE, 2014, p. 37). However, these two phrases do not have the same grammatical patterns. The phrase consist of is used in an active form, as in

My family consists of five people.
On the other hand, the phrase be made up of is used in a passive form:
My family is made up of five people.
Although these two phrases have a similar meaning, their grammatical patterns are not the same and cannot be used alternately. Doing so results in grammatical errors.

My family is consisted of five people.
My family makes up of five people.

### 2.3 CORPUS LINGUISTICS AND WORD STUDIES

### 2.3.1 Corpus Linguistics

Corpus linguistics is a linguistic methodology which scholars of various theoretical perspectives use to study a particular language in use (Lindquist, 2009, p. 1). Corpus linguistics has contributed to the empirical study of language, leading to the thorough understanding of grammar and lexis and the development of certain
areas such as dictionary making, language teaching, and discourse analysis (O'Keeffe and McCarthy, 2010).

In terms of pedagogy, the development of corpus linguistics is beneficial to language learning in many ways. It is now obvious that corpora have now become the central source of knowledge. This linguistic innovation has led to the development of corpus-based language teaching materials (O'Keeffe and McCarthy, 2010). The development of dictionaries, the main sources of lexical references, largely depends on corpus data for accurate information about how words are used. Collocations and authentic examples of words in contexts are derived from corpora. For teachers and learners of English, it is much easier for them to gain access to information about particular words. Before corpora were invented, intuition was the main thing relied on (Thornbury 2002).

### 2.3.2 Corpus and its meanings

Longman Dictionary of Contemporary English or LDOCE (2014, p. 399) gives two definitions of corpus as
(1) "A collection of all the writing of a particular kind or by a particular person: the entire corpus of Shakespeare's works" and
(2) "A large collection of written or spoken language that is used for studying the language: a corpus of spoken English."

O'Keeffe, McCarthy, and Carter (2007) define corpus as "a collection of texts, written or spoken, which is stored on a computer." These electronically stored texts can be analyzed by using analytical software.

In terms of pedagogy, Thornbury (2002) defines corpus as "a collection of texts that has been assembled for the purposes of language study. Modern corpora are stored electronically and consist of many millions of words of text, both spoken and written." The words stored in corpora are collected from academic texts, daily newspapers and informal conversation.

According to O'Keeffe, McCarthy, and Carter (2007), there are three main features of a corpus: (1) A corpus is a representative collection of texts, (2) A corpus is a collection of computer-based electronic texts, and (3) A corpus allows for
both qualitative and quantitative analysis. Each of the three features is elaborated below:
(1) A corpus is a representative collection of texts. A corpus must be representative of something. For example, if a corpus is made to represent classroom discourse in the context of English Language Teaching (ELT), the design stage of the corpus must be carefully done in order to make sure that the corpus does represent classroom discourse to the sufficient extent.
(2) A corpus is a collection of computer-based electronic texts. Corpus data, composed of written texts, can be stored on a computer by means of typing, scanning or downloading from electronic media. These large amounts of texts can be analyzed by specifically-designed digital software.
(3) A corpus allows for both qualitative and quantitative analysis. Language features can be explored both qualitatively and quantitatively using a corpus. Frequency, or numbers of word occurrences, can be analyzed quantitatively to see if a particular word occurs in context more often than others. However, in a qualitative examination, the focus is on how a word or phrase is used in context across a corpus. This can be done by exploring concordance lines to see qualitative patterns of use.

### 2.3.3 Basic Corpus Linguistic Techniques

### 2.3.3.1 Concordancing

Concordancing, a main tool in corpus linguistics, involves using corpus software to identify word or phrase occurrences. The idea of concordancing is not new. Scholars have for years found it hard to find and record every example of words in particular texts. Now, with the advent of computers, millions of words can be searched in seconds.

Computers present data in the form of concordances. Longman Dictionary of Contemporary English or LDOCE (2014, p. 365) defines concordance as "a list of all the words in a book, magazine etc, held on a computer database, showing every example of a particular word in the book etc: concordance lines." Sinclair (1991) stated that a concordance is "a collection of the occurrences of a word-
form, each in its own textual environment." Usually the search word or phrase is called a node and is presented in the center of concordance lines with seven or eight surrounding words at either side. (O'Keeffe and McCarthy, 2010, p. 8).

The common format the data is presented in is called KWIC (Key Word in Context). Sinclair (1991) stated that the KWIC format has been widely used for data processing because it saves time for looking up each occurrence. The target word is presented in the center of each concordance line with space on either side.

### 2.3.3.2 Word frequency counts

Another common corpus technique is word frequency counts, which relate to the rapid calculation of wordlists for texts. Using this technique, users can get all the words in a rank order of frequency (O'Keeffe and McCarthy, 2010, p. 11). The advantage of this function is that users can easily get frequency data of particular texts, which is almost impossible to get by hand (Lindquist, 2009, p. 8).

### 2.3.3.3 Key word analysis

This function enables users to identify key words in texts. According to O'Keeffe and McCarthy (2010), key words do not usually mean the most frequent words in a text, but they are words which are more usually frequent. To clarify this, this function has to be explained. To identify key words, corpus software compares word lists from two sources. The first source is a large pre-existing word list which is used as a reference file, and the other source is the word list which is derived from the studied text (O'Keeffe and McCarthy, 2010, p. 12).

### 2.3.3.4 Cluster analysis

The study of how words systematically occur in clusters or chunks provides insights into the description of the vocabulary of a language. This also benefits the teaching of vocabulary in vocabulary acquisition and fluency improvement. The cluster analysis technique makes a computer generate clusters or chunks the way it generates single word lists. The computer, instead of generating single word lists, show results of words in combinations (O'Keeffe and McCarthy, 2010, p. 13).

### 2.3.4 Using a corpus for language study

There are a number of things researchers can learn about language through the use of corpora. These things are essential to the study of words.

### 2.3.4.1 Lexis and the lexicon

Lexis can be thoroughly researched through investigating lexical items and their behavior. A corpus is also used to study the whole lexicon or to examine lexical theory. General corpora show words used in the constituent texts and their frequency. In addition, general corpora reveal the derivation and compounding of words, showing which potential words could be in word families. For example, the root color/colour can generate derivatives such as colorful, colorless, discolor. However, some words such as recolor and colorous may be morphologically possible but not found in corpora (Moon, 2010).

### 2.3.4.2 Meaning and Connotation

Corpora provide the information that illustrates how words and contexts are mutually dependent. Corpora even show typical contexts in which words occur and that one word's associations with other words relate to part of the knowledge of that particular word (Moon, 2010).

Apart from literal meaning, corpora also contain information about figurative meaning and connotational meaning. However, According to O'Keeffe and McCarthy (2010), words are usually studied at the elementary level - the literal meaning, and it is considered wasteful to go deeper in to the connotational meaning. Despite that, the study of connation is necessary as some words in certain contexts do not convey a neutral sense but convey connotational senses instead.

Generally, it is believed connotational meaning can be grasped by intuition and suggestion. However, the Firthian principle of meaning by collocation suggests that connotational meaning can be identified with the help of collocations. With corpora, it is convenient to identify words' collocates and analyze connotations of those words. For example, the word claret has both denotation and connotation. This word denotes a kind of red wine and connotes a certain lifestyle. A set of its noun collocates such as bottle, glass, drink, or adjective collocates such as good, old,
classic, or other wine related collocates such as burgundy, bordeaux, champagne "seem to point to that intuited claret lifestyle." (Moon, 2010, p. 205)

### 2.3.4.3 Synonyms

This is the main concern of this present study. Moon (2010) demonstrates that corpora allow for the possibility to distinguish synonyms by examining features of words: genre, variety and frequency, phraseological structure, and collocation. Corpora yield much information about words. For example, corpus data shows asylum and refuge seem to share similar semantic space, meaning place of safety. In addition, corpus data shows word collocates, which can be used to distinguish synonyms in a set of synonymous words. The data indicates that both asylum and refuge collocate with seek, but take collocates with refuge only, and asylum is related to politics. Another pair which is a clear example of this is colorless and drab. Colorless suggests that something lacks pigment or color. Colorless used with performance or people also metaphorically suggests that they are uninteresting. This is a very clear example of how corpora can help distinguish between word usages (Moon, 2010, p. 207).

### 2.3.4.4 Varieties of English

Corpora also allow for the investigation of how individual lexical items spread and develop across varieties of English. In 2005, Lindquist and his colleague studied the word fatigue and its noun combinations. They investigated how fatigue developed over time and how differently this word was used in British and American English. They found out that the use of fatigue with some fashionable noun combinations spread from British English to American English, which is in contrast to the well-known trend that most lexical changes spread from American English to British English (Lindquist, 2009).

### 2.3.4.5 Collocations

The study of vocabulary focuses not only on single words, but also on word combinations, or collocations. The meaning of a word is as important as how the word collocates with others. To identify word collocates, intuition alone is
not enough. Corpora, therefore, makes it easier to search for lists of word collocates, and corpus data also serves as evidence, which shows strong statistical preference for word collocates. When searching for collocations, corpus software identifies, with statistical significance, whether some word combinations occur in the same way as they are expected. The software does this by comparing the predicted occurrences of the two words in the same environment with their actual occurrences in the same environment (O'Keeffe and McCarthy, 2010).

### 2.3.4.6 Grammatical Structures

Traditionally, the study of grammar primarily focuses on accuracy.
To teach English, teachers place emphasis on grammar rules for creating sentences. Second language learners' proficiency is judged by grammatical accuracy. However, it is argued that in real language use, language users, rather than strictly limiting themselves to grammatical accuracy, do make choices. That is, they use a variety of grammatical choices in expressing their ideas. Some choices are common and widespread, while others are used in rare circumstances (Conrad, 2010, p. 227).

In studying whether certain choices are of typical use or not, corpus linguistics enables researchers to study variation of language use in a large collection of texts. Corpus linguistic techniques reveal what patterns are common or uncommon in particular contexts. It shows the relationship between grammatical features and discourse, in the situational contexts that affect them. Corpus analyses, therefore, help describe grammar in association with social and discourse circumstances, rather than pure grammatical features alone (Conrad, 2010, p. 228).

The pattern get-passives is a good example of this. The Time Corpus indicates that the frequency of get-passives had increased over the years between 1920s and 2000s. It is generally believed that this pattern is only used for negative verbs such as killed, hurt, or sacked only. However, the data from the British National Corpus and the Corpus of Contemporary American English shows that some positive or neutral words, such as paid, promoted, written and invited are also used with get-passives, although not as frequently as negative ones. This means that although get-passives are mostly used with negative words, the use of positive or neutral words is not strictly limited (Lindquist, 2009).

### 2.4 RELEVANT RESEARCH

A number of researchers have conducted corpus-based studies of synonyms. They examined the similarities and differences of synonyms in terms of meanings, styles and formality, grammatical patterns, and collocations. They also compared and contrasted the data from dictionary and corpus databases.

Taylor (2001) studied two synonyms: high and tall. The data for analysis was derived from the Lancaster-Oslo/Bergen Corpus (LOB). The focus of this study is the differences in the sense of meaning of each word. The results of the study indicate that high is found to be almost ten times more frequent than tall. Both words have spatial and non-spatial uses. High is used for non-spatial domains which show a sense of verticality such as high number, high temperature, etc. Tall, on the other hand, is less associated with metaphorical sense. In terms of spatial uses, high can indicate vertical extent as well as vertical position such as high building (vertical extent) and high ceiling (vertical position). Tall, unlike high, indicates vertical extent only. For example, there is a tall building, but no tall ceiling. However, when these two words are used to indicate vertical extent, both words are fairly equal in terms of frequency, with some striking differences in the kinds of entities modified by these two words. Tall seems to be used for living things (human beings, plants, and animals), while high is rarely used to modify living entities. Except for living entities, high is used for all kinds of physical bodies such as constructions, artifacts, etc.

Bergdahl (2009) investigated three synonyms: beautiful, handsome, and good-looking, focusing on identifying the similarities and differences among these three words in relation to gender. The data was collected from five contemporary dictionaries and one computerized corpus, i.e the Corpus of Contemporary American English (COCA). It was found that the three words share the same core meaning, which is "pleasing to look at." However, when these words were investigated in detail, they seem to be different in meanings and connotations. More similarities among these three words are found in the corpus than in the dictionaries. The dictionaries and the corpus data show that the three words are not distributed with the same level of frequency with respect to gender. That is, Beautiful is used to describe a woman rather than a man, while handsome is used more often with a man. Good-
looking is considered gender-neutral by the dictionaries, but in the corpus samples, it is used with men more often. In terms of connotation, there are some differences. For example, handsome is sometimes used with a woman to mean that the woman has masculine features.

Phoocharoensil (2010) studied five synonyms, i.e. ask, beg, plead, request and appeal in terms of meaning, style or formality of context, connotations, collocations and grammatical patterns. He compared and contrasted the data collected from three learners' dictionaries with that from a corpus-based source. The results of this study showed that these words have the same core meaning, which is 'asking someone to do something.' However, there are some differences when these words were investigated in detail. These five words are generally used in all dialects of English, although some idiomatic expressions are unique to a particular region. In terms of the style or formality of the context, request, like appeal, is likely to be used in more formal context than ask, beg and plead. Some words also differ from the others because of their connotations, such as appeal, which connotes a negative sense when appearing with the preposition against. For grammatical patterns, there are some grammatical structures that some of these words can fit in, while some others cannot. For example, although both ask and request share the pattern ask/request + somebody + to-verb infinitive, when there is no object directly following the two words, only ask has the pattern ask + to-verb infinitive. The pattern request + to-verb infinitive is not shown in this study. As for collocations, the main collocates of these words are nouns and adverbs, but each of these five synonyms collocate with different words. Ask, for example, collocates with nouns such as people, children, and food, and adverbs such as repeatedly and formally, while beg collocates with nouns such as amusement, mercy, and support, and adverbs such as always. He concluded that, although sharing the same core meaning, these words differ in some details, i.e. connotations, styles, dialects, grammatical patterns, and collocations, and that the corpus-based data provides some information which is not included in the dictionaries.

Chung (2011) studied two synonyms: create and produce. The Brown Corpus and the Frown Corpus were used to study the similarities and differences between create and produce. The results of the study demonstrated the following
findings: Firstly, both create and produce mostly occur with a bare infinitive and in the -ed forms, and the two synonyms have two overlapping senses of meaning, which are 'bring into existence/cause to happen, occur, or exist' and 'create or manufacture a man-made product.' The dictionaries sometimes provide information about verb forms and senses but only a corpus shows distributional information. Secondly, it was found that the objects that follow create and produce are different. Compared with produce, create seems to occur more often followed by abstract objects. In addition, create is usually followed by objects created in fewer quantity and with no fixed properties and a higher possibility of creativity. Produce, on the other hand, is usually followed by objects produced in greater quantity with low a level of creativity. It is worth noting that only produce was used with the sense of farming. Finally, although the two synonyms share some common constructions with verb, some constructions occur with one verb, e.g. over-produce was found in corpora, while over-create was not. The results also demonstrate that corpora are useful in identifying similarities and differences between these two synonyms.

Cai (2012) studied great and its six synonyms: awesome, excellent, fabulous, fantastic, terrific, and wonderful. He investigated this set of synonyms in terms of frequency, meaning, and collocation. The data was derived from the Corpus of Contemporary American English (COCA). The results of the study reveal that great is used more frequently than the other synonyms. It was found that fabulous, fantastic, great, terrific, and wonderful seem to occur in spoken genre, whereas awesome and excellent are commonly found in magazines. In general, words in this set of synonyms are primarily used in spoken language. With regard to collocations, adverbs which are used to modify these synonyms vary in number, and some nouns collocating with these synonyms are overlapping. The results from collocation analysis indicate that unlike the other six adjectives, the meaning of great is more general and weaker. The synonyms seem to be used to modify different entities. For example, excellent and terrific seem to modify an action/event/feeling. It is also indicated that great is weaker in degree than the other words. The information about connotation shows that fabulous and fantastic connote a sense of being almost unbelievable. These seven synonyms are not completely interchangeable.

Chanchotphattha (2013) studied three synonyms, i.e., different, diverse, and various by analyzing data from the Oxford Advanced Learner's Dictionary (8th Edition International Student's Edition, 2010) (OALD) and concordance lines in the British National Corpus (BNC). The results of the study revealed that in terms of dialect, different is often used with different grammatical patterns between the two regions (Britain and North America), whereas differences in the dialect of diverse and various were not found. For degrees of formality, the data indicates that whether these words are formal or informal depends on their specific meanings and context. For collocations, the OALD and the BNC show that these three words mainly collocate with linking verbs, adverbs, prepositions and nouns. In terms of grammatical patterns, the pattern of "adjective + noun" has the highest frequency for each synonym. It is various that has only two grammatical patterns, while more different patterns can be used with the other words. In addition, it was found that the corpus database shows more information than a dictionary. Different, diverse, and various cannot be interchangeable in all contexts because of the differences in their dialect, degrees of formality, collocation, and grammatical patterns.

Sakulratanacharoen (2013) studied the three synonyms: remark, comment and observe in the journalistic context. The focuses of the study are on 1) adverbs that modify these three words and 2) the ordering patterns of these words. The data for analysis was collected from the Oxford Advanced Learner's Dictionary Online (2011) and the Corpus of Contemporary American English (COCA). It was found that there are both similarities and differences between these three words. As for similarities, the three words share the same core meaning, which is "to say or write a fact or opinion." An adverb of manner and an adverb of time is frequently used to modify these three words in journalistic contexts. In terms of connotation these words are neutral, without conveying any positive or negative sense. As for differences, these three words were found in different frequencies. It is assumed from this finding that comment and remarked are more widely used in journalistic speech reporting than its synonymous partner observed.

Thamratana (2013) studied five synonyms: reduce, decrease, diminish, dwindle and decline to find out how they differ in terms of meanings, grammatical patterns and styles. The data was collected from three main sources: Oxford

Advanced Learner's Dictionary (2010), Longman Dictionary of Contemporary English (2005), and the Corpus of Contemporary American English (COCA). It was found that these five synonyms share the same core meaning, but the meaning of each word in detail is not exactly the same. There are some grammatical patterns these five words share, while some patterns can be used with only some of these words. For collocations, these five words seem to occur with different parts of speech; that is, "reduce, decrease, diminish tend to co-occur with nouns, while dwindle and decline always appear with adverbs" (p. 1-34). For the degree of formality, it was discovered that decrease and decline are relatively more formal, as indicated in the dictionaries, while there is no indication that diminish and dwindle are formal. In an academic context, decrease appears the most frequently followed by reduce, decline, diminish and dwindle respectively. In terms of connotation, the value meanings, or the implied meanings in relation to contexts, of these words are different. For example, reduce has a neutral value meaning because it can be found in both positive and negative contexts. Reduce and diminish are usually found in contexts of facts, indicating that something becomes smaller in size or number, whereas decrease is usually found in formal contexts relating to court, government or academic texts. These synonyms are not perfectly interchangeable in every context.

Krawczak (2014) investigated three synonyms which denote 'shame' in English: ashamed, embarrassed, and humiliated. He used a quantitative corpusdriven methodology for data analysis. The data is based on the fiction sections of the Corpus of Contemporary American English (COCA) and the British National Corpus (BNC). The usage-feature method of corpus-driven semantic analysis was also applied. The results of the study reveal that with the methodology mentioned above, three clear usage profiles of these synonyms can be distinguished. These three words share the same core meaning - shame, but with different senses. Ashamed is associated with a dubious social status, problems with emotion or body, and social failures. Embarrassed, on the other hand, is closely associated with factors concerning social interaction such as politeness norms or personal insecurities. Humiliated is mainly related to external factors which cause the loss of status. In addition, it was found that the lexical concept of shame is related to seriousness, potential destruction, and long-lasting state, while embarrassment is associated with a
brief emotional state concerning the situation that triggers it. The concept of humiliation, in contrast, is in the middle between those two previous concepts.

Aroonmanakun (2015) investigated two synonyms, which are quick and fast, in terms of meaning and collocation. The Longman Dictionary of Contemporary English and the Corpus of Corpus of Contemporary American English were used as the main tools for exploring the similarities and differences between quick and fast. The study is limited to nouns immediately following quick or fast. For basic information of the two synonyms, The Longman Dictionary of Contemporary English reveals that some of the meanings of the two words are commonly used, while others are not. Some senses of meaning between the two words are overlapping. It was also found that some nouns collocate with both quick and fast, but the senses of meaning are different. For example, a quick learner shows a property of a person, while a fast learner emphasizes the short period of time the activity takes. The corpus data, on the other hand, shows that quick and fast share many common noun collocates. In some uses, the two words seem perfectly interchangeable in the same context. However, it is found that quick is more common than fast when these words are used with the same nouns. In addition, in some uses, quick and fast convey different senses of meaning. Quick seems to emphasize the short period of time the activity takes, whereas fast seems to focus on the great speed of the action or process being done. Some collocates that occur only with either quick or fast are also related to the different senses of the two synonyms. Quick mostly occurs with nouns derived from verbs such as answer, call, drink, etc., which emphasizes the short period of time when the action is done. Fast, by contrast, mostly occurs with words such as attack, acceleration, draw, etc., which seem to indicate the manner of movement.

As mentioned above, synonyms cannot be used interchangeably in all contexts but can be distinguished by the following criteria: meanings, dialects, degrees of formality, connotations, collocations, and grammatical patterns. The data used for analyzing synonyms differences can be taken from dictionaries and concordance lines in corpora. The ten previous studies mentioned above are examples of how different sets of synonyms can be analyzed. Of all these ten previous studies, the study conducted by Phoocharoensil (2010) is the most comprehensive one because the researcher thoroughly investigated synonyms using all the five criteria and also
compared the data from the three dictionaries and that from the corpus. The results clearly show how these synonyms can be distinguished. This study should be replicated through studying another set of synonyms. However, there are two research gaps identified in the other previous studies. One gap is that the studies cover only a few criteria for distinguishing synonyms. For example, some studies investigate synonyms only in terms of meanings and collocations, whereas some other studies focus on only meanings and grammatical structures. The other gap is that in some of the studies, the researchers analyze data from corpora only. They do not include any data from dictionaries in their studies. Therefore, in order to fill the gaps and to ensure the feasibility of the study, this study will cover four criteria for distinguishing synonyms in order to gain a thorough understanding of how synonyms in a particular set are different. The study will focus on meanings, degrees of formality, collocations, and grammatical patterns. Moreover, this study will obtain data from both two dictionaries (American English and British English) and a corpus. The data from both sources will be compared to identify similarities and differences.

## CHAPTER 3

## RESEARCH METHODOLOGY

### 3.1 Selected words

In the study, three English synonyms were selected for analysis: appropriate, proper, and suitable. The three words were selected because they are frequently used in English communication. All of them are in the list of the Longman Communication 9000, which indicates the 9000 most frequent words in English. Moreover, in the list of the most frequent 9000 words, all three of these words are also listed in the top 3000 (Longman Dictionary of Contemporary English $6^{\text {th }}$ edition, 2014, p. 2126). This shows that the three words are worth analyzing for their differences in use. In addition, these three words are found in online English learning forums on English learning websites such as english.stackexchange.com, forum.wordreference.com and www.eslhq.com. To be more precise, in the online forums, a number of questions have been posted asking about how to distinguish these three words: proper, suitable and appropriate. Not only that, based on the researcher's teaching experiences, questions about how to distinguish these three synonyms are often raised by students. However, the answers given to the questions are mostly based on the researcher's intuition, with no reliable data to support them. Therefore, it would be a good idea to investigate these three synonyms with corpusbased methodology in order to gain accurate and reliable answers.

### 3.2 Data collection

### 3.2.1 Research instruments

The research instruments in the study are:

### 3.2.1.1 Longman Dictionary of Contemporary English $6^{\text {th }}$ edition

(2014): This dictionary is a well-known learner dictionary. It contains 230,000 words, phrases and meanings, and 165,000 corpus-based examples. This edition contains the Longman Communication 9000, which is the list of updated core vocabulary, with the 3000 most frequent words in spoken and written English. The dictionary also provides learners with grammar notes to help them avoid grammatical mistakes relating to particular words, 65,000 collocations to help them improve their
comprehension in reading and listening skills and increase their fluency when speaking or writing English, and most importantly, the thesaurus notes, which help learners find the most appropriate word or phrase in a set of synonyms (Longman Dictionary of Contemporary English $6^{\text {th }}$ edition, 2014).

### 3.2.1.2 Longman Advanced American Dictionary $3^{\text {rd }}$ edition

(2013): This dictionary is a well-known American-based advanced-level dictionary for learners of English. This dictionary contains 205,000 words, phrases and meanings, including words for content areas and 85,000 corpus-based example sentences. There are 9000 core vocabulary words highlighted to better understand academic texts. This dictionary provides thesaurus boxes, explaining synonyms and antonyms, and collocation boxes, showing words that are often used together.
3.2.1.3 Macmillan Collocations Dictionary (2010): This Britishbased dictionary is a dictionary of common word combinations compiled by collocation-finding software and a 2-billion word corpus of modern English. This dictionary contains collocations for over 4,500 selected key words and usage boxes with grammatical notes, synonyms, and alternative expressions.
3.2.1.4 AntConc: AntConc is a software program for conducting corpus linguistic research. The program contains the seven main tools used for corpus analysis: 1) Concordance Tool, used for seeing how words and phrases are used in texts; 2) Concordance Plot Tool, used for seeing the position of search results in target texts; 3) File View Tool, used for studying the results from other tools in detail; 4) Clusters/N-Grams, showing words in clusters; 5) Collocates, showing the collocates of target words; 6) Word List, used for counting words and putting them in an ordered list; and 7) Keyword List, showing frequent and infrequent words compared with those in a reference corpus (Anthony, 2014).

### 3.2.1.5 The Corpus of Contemporary American English (COCA):

This is a free-of-charge corpus created by Mark Davies at Brigham Young University. This corpus is American-English oriented and contains texts derived from American media such as newspapers, magazines and journals (Lindquist, 2009, p. 17). The website for this corpus is http://corpus.byu.edu/coca/. It is stated in this website (retrieved October 17, 2016) that the current version is composed of more than 520 million words derived from 220,225 texts, with 20 million words added
each year from 1990 to 2015. COCA provides users with various forms of search such as by words, by phrases, or by lemmas, or other more complex structures. COCA shows a list of all matching strings, allowing users to see the frequency of words or phrases in the five registers (spoken, fiction, popular magazines, newspapers, and academic journals). This helps users to study the frequency and distribution of synonyms; that is, they can determine which words occur more frequently in a particular genre. Users can also identify collocates and common strings of target words or phrases, which is useful for the in-depth study of word meanings.

### 3.2.2 Procedures

3.2.2.1 The data from the two dictionaries: Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) was listed and sorted. The two dictionaries demonstrate word meanings in various contexts, some noun and adverb collocates, and significant grammatical patterns for these words. Macmillan Collocations Dictionary (2010) provided information about collocations and grammatical structures.
3.2.2.2 After the data from the three dictionaries had been collected, the 300 concordance lines for each word were drawn from COCA. The data from COCA showed collocational and grammatical data about the particular words searched. Concordance lines were manually investigated to identify degree of formality.
3.2.2.3 The data from COCA was input into AntConc to help identify the frequency of words, grammatical patterns, and collocations of each word. The program sorted out the words in context to make it easier for analysis.

### 3.3 Data analysis

The data collected from the two dictionaries and the Corpus of Contemporary American English (COCA) was analyzed by the following steps:
3.3.1 Meanings of the three synonyms from Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013)
were compared and contrasted for similarities and differences. The dictionaries provided data about meanings, collocations, and significant grammatical patterns.
3.3.2 Degree of formality was analyzed by considering the information from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and concordance lines from COCA. For corpus-based data analysis, language contexts in concordance lines were taken into consideration. Distinguishing between formal and informal contexts was based on the following criteria:
3.3.2.1 Formal language contains the following features:

- Containing many words which are derived from French, Latin, and Greek
- Being greater in preciseness than informal language
- Avoiding referring directly to the writers or the readers and not using the pronouns $I$, you, and we
- Having its own grammatical features, such as the use of whom to refer to objects, the placing of preposition at the beginning a clause, passives, sentences that begin with introductory it, and the frequent use of abstract nouns
(Leech and Svartvick, 2003)
3.3.2.2 Informal language contains the following features:
- Being imprecise and being obvious in the use of imprecise phrases such as a lot of, a long time, things, etc., or so on
- Containing idioms or colloquial words
- Being personal and being obvious in the use of personal expressions such as I think or they say
- Containing contracted verb forms
- Containing two-word verbs
- Containing question forms.
(Bailey, 2003)
3.3.3 Collocations of the three synonyms were analyzed using the data from Longman Dictionary of Contemporary English (2014), Longman Advanced

American Dictionary (2013), Macmillan Collocations Dictionary, and the 300 concordance lines of each target word. AntConc was used to facilitate identifying the frequency of collocations of each of the three target words.
3.3.4 Grammatical patterns of the three synonyms were analyzed using the data from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary, and the 300 concordance lines of each target word. AntConc was used to facilitate pattern counting.
3.3.5 The data from the two dictionaries was compared with that collected from the Corpus of Contemporary American English (COCA) to see which source provides data on degree of formality, collocation, and grammatical patterns more comprehensively.

## CHAPTER FOUR

## RESULTS AND DISCUSSION

The previous chapter demonstrated the methodology employed in the research. The data was obtained from Longman Dictionary of Contemporary English 6th edition (2014), Longman Advanced American Dictionary 3rd edition (2013), and Corpus of Contemporary American English (COCA). This chapter presents the findings related to the three synonyms in terms of meanings, degrees of formality, collocations, and grammatical patterns.

### 4.1 MEANINGS

### 4.1.1 Appropriate

- correct or suitable for a particular time, situation, or purpose Example: It would not be appropriate for me to discuss that now. (Longman Dictionary of Contemporary English, 2014, p.75)
- correct or right for a particular time, situation, or purpose

Example: We will take appropriate action once the investigation is over.
(Longman Advanced American Dictionary, 2013, p.75)

### 4.1.2 Proper

- [only before noun] right, suitable, or correct:

Example: Everything was in its proper place.

- socially or legally correct and acceptable

Example: I don't feel that it would be proper for me to give you that information.

- [only before noun] (British English, spoken) real, or of a good and generally accepted standard

Example: Try to eat proper meals instead of fast-food takeaways.

- proper to something (formal): suitable for something

Example: dressed in a way that was proper to the occasion

- very polite, and careful to do what is socially correct:

Example: She was very formal and proper.
(Longman Dictionary of Contemporary English, 2014, p.1452)

- [only before noun, no comparative] right, appropriate, or correct: Example: They still think the proper place for a woman is at home with the kids.
- socially correct and acceptable

Example: proper behavior at the dinner table

- very polite, and careful to do what is socially correct Example: a proper young man
- proper to something (formal): natural or normal in a particular place or situation
Example: Please dress in a way proper to the occasion.
(Longman Advanced American Dictionary, 2013, p.1362)


### 4.1.3 Suitable

- having the right qualities for a particular person, purpose, or situation

Example: The house is not really suitable for a large family. (Longman Dictionary of Contemporary English, 2014, p.1837)

- having the right qualities for a particular person, purpose, or situation

Example: a suitable place to live
(Longman Advanced American Dictionary, 2013, p.1714)

Table 1: Meanings of appropriate, proper, and suitable from Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013)

| Synonyms | Meanings |  |
| :---: | :---: | :---: |
|  | Longman Dictionary of Contemporary English (2014) | Longman Advanced American Dictionary (2013) |
| Appropriate | correct or suitable for a particular time, situation, or purpose (p. 75) | correct or right for a particular time, situation, or purpose (p. 75) |
| Proper | [only before noun] right, suitable, or correct <br> socially or legally correct and acceptable <br> [only before noun] (British English, spoken) real, or of a good and generally accepted standard <br> proper to something (formal): suitable for something <br> very polite, and careful to do what is socially correct <br> (p. 1452) | [only before noun, no comparative] right, appropriate, or correct socially correct and acceptable very polite, and careful to do what is socially correct proper to something (formal): natural or normal in a particular place or situation (p. 1362) |
| Suitable | having the right qualities for a particular person, purpose, or situation (p. 1837) | having the right qualities for a particular person, purpose, or situation (p. 1714) |

Apart from the general definitions for all these three synonyms, Longman Dictionary of Contemporary English (2014) gives information on the detailed
meanings of these three synonyms in its thesaurus box, showing how these three words differ:

Table 2: Meanings of appropriate, proper, and suitable from the thesaurus box of Longman Dictionary of Contemporary English (2014)

| Synonyms | Meanings | Examples |
| :--- | :--- | :--- |
| Appropriate | $\begin{array}{l}\text { suitable for a particular purpose } \\ \text { (Appropriate is more formal than } \\ \text { suitable.) } \\ \text { (p. 1837) }\end{array}$ | $\begin{array}{l}\text { It may not be an appropriate time } \\ \text { to ask him about it. }\end{array}$ |
| Proper | $\begin{array}{l}\text { the proper tool, piece of } \\ \text { equipment, or way of doing } \\ \text { something is the one that most } \\ \text { people think is most suitable out all the appropriate } \\ \text { (p. 1837) }\end{array}$ | $\begin{array}{l}\text { You can't change a wheel without } \\ \text { the proper tools. }\end{array}$ |
| The proper procedure for hiring |  |  |
| staff (p. 1837) |  |  |\(\left.| \begin{array}{l}having the right qualities for a <br>

purpose or person <br>
(p. 1837)\end{array} \quad \begin{array}{l}a suitable place for a picnic <br>
Shey don't consider him a <br>

suitable husband for their\end{array}\right]\)| daughter. (p. 1837) |
| :--- |

As Table 1 and 2 show, based on the meanings from Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013), it is clear that appropriate, proper, and suitable share the same core meaning (being right or acceptable).

Among these three synonyms, appropriate and suitable seem to share a similar meaning in that these two words means right or suitable for a particular time, situation, or purpose. Still, there are some differences between appropriate and suitable. Suitable also means that something or someone is right for a person, while no information shows that appropriate is used with person.

Apart from this, it is clear from the two tables that something that is suitable means being right for a particular time, situation, purpose, or person because that thing has the right qualities. Another interesting point to note is that proper covers a wider range of meanings than appropriate and suitable. While suitable and appropriate only means being right for a particular time, purpose or situation, proper has many other meanings such as being very polite and careful to do what is socially correct. In addition, in the first table, Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) indicate that something that is proper seems to be right or correct according to rules, standards or social acceptance. In the second table, the thesaurus box in Longman Dictionary of Contemporary English (2014) indicates that proper can be used with tool, piece of equipment, or way of doing something to show that this is the one most people consider suitable. From the information discussed above, the detailed meaning of proper, rather than that of appropriate or that of suitable, seems to be closely related to rules, people's agreement, or social acceptance.

## Discussion

As Bergdahl (2009) suggests, some words, although sharing the same core meaning, may differ in terms of features they are used with. Not only that, Aroonmanakun (2015) suggests that words in a set of synonyms have both overlapping and non-overlapping senses of meanings. The results reveal that one of the differences between appropriate and suitable is as Bergdahl (2009) and Aroonmanakun (2015) suggest. Although appropriate and suitable seem to share the same core meaning, the two words do not have exactly the same detailed meaning. That is, suitable also means that something or someone is right for a person, while no information shows that appropriate is used with person. This implies that suitable, rather than appropriate, tends to be used with person.

Apart from this, the studies by Taylor (2001), Chung (2011), and Krawczak (2014) and Aroonmanakun (2015) indicate that words in a set of synonyms may share the same core meanings but have different senses of meanings, and that one word in a set is commonly used with a particular attribute, while the other(s) cannot be so used. The findings in this study correspond with what those previous
studies suggest. As shown in table 1 and 2 , suitable is more specific in meaning than appropriate. Something that is suitable is right for a particular time, situation, purpose, or person because that thing has the right qualities. This may imply that appropriate means being right for something in a general sense, while suitable means right for something because it has qualities for that thing. In addition, proper covers a wider range of meanings than appropriate and suitable, and is closely related to rules, people's agreement, or social acceptance.

Overall, it is clear that appropriate, proper, and suitable share the same core meaning but still differ in detailed meanings and senses of meanings. For this reason, these three words are loose synonyms, as Jackson and Amvela (2000) suggest because they cannot be used interchangeably in all contexts.

### 4.2 DEGREES OF FORMALITY

Formality degree is one of the criteria for distinguishing synonyms as one word in a set of synonyms can be used in formal contexts, while the others cannot (Jackson \& Amvela, 2000, p. 95).

The studies by Cai (2012) and Sakulratanacharoen (2013) reveal that words in a set of synonyms are distributed across different text genres, and some of the words occur more often in particular genres than the others.

Degrees of formality can be identified from the information given in the dictionaries and the corpus-based contexts in which each synonym occurs. In this set of synonyms, appropriate, proper, suitable, although having the same core meaning, have different degrees of formality as shown in the findings discussed below.

### 4.2.1 Appropriate

Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary 3rd edition (2013) do not specify whether appropriate is a formal or informal word. However, the example expressions from the dictionaries suggest that appropriate can be used in both formal and informal contexts.
(a) an education system which is more appropriate to the needs of the students (formal)
(b) It would not be appropriate for me to discuss that now. (informal) (Longman Dictionary of Contemporary English, 2014, p. 75)
(c) They need to offer a salary appropriate to his experience and education. (formal)
(d) I don't think this is the appropriate time to discuss this. (informal) (Longman Advanced American Dictionary, 2013, p. 75)

It is interesting to note that the thesaurus box in Longman Dictionary of Contemporary English (2014, p.1837) states that appropriate is more formal than suitable.

As for the data from the Corpus of Contemporary American English (COCA), the 300 concordance lines show that appropriate occurs in both formal and informal contexts:

## Formal contexts:

(1) through its ideology. Control of the political apparatus, rationally carried out according to appropriate procedures, legitimized the party. The state bureaucracy provided the administrative vehicle to operationalize
(2) of Title 29 OSH Act to identify hazards which may result from such releases using appropriate hazard assessment techniques, to design and maintain a safe facility taking such steps as
(3) ECC into IEPs also requires administrators and districts to become responsible and accountable for providing appropriate instruction and complying with state and federal laws. \# According to IDEA, an

## Informal contexts:

(4) the presidency, and for the American people. It just doesn't seem too appropriate right now. KING: Do you think he will get some testimony to the
(5) What do you think? POWELL: I don't think it's appropriate at this time. I've been in a draft army. I started out
(6) here. And for most women, that's probably what's going to be appropriate and what should be done, regardless of where you end up living. MAGNUS

### 4.2.1 Proper

Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary 3rd edition (2013) do not explicitly state whether proper is a formal or informal word. However, the example expressions from the two dictionaries suggest that proper can be used in both formal and informal contexts, and the two dictionaries clearly indicate that the structure proper + to is formal, whereas other combinations are less formal.
(a) the reasoning abilities proper to our species (formal)
(Longman Dictionary of Contemporary English, 2014, p. 1452 \& Longman Advanced American Dictionary, 2013, p. 1362)
(b) I don't feel that it would be proper for me to give you that information. (informal)
(Longman Dictionary of Contemporary English, 2014, p. 1452)
(c) They still think the proper place for a woman is at home with the kids. (informal)
(Longman Advanced American Dictionary, 2013, p. 1362)

As for the data from the Corpus of Contemporary American English (COCA), the 300 concordance lines show that proper occurs in both formal and informal contexts:

## Formal contexts:

(7) is secured on firmer foundations than ever before, and is formally accepted as a proper part of agreed international arrangements. "(Quoted in Joseph Gold, International Capital
(8) the participating states were committed by their CSCE membership. Thus, while it was proper within this framework to challenge violations of specific CSCE provisions relating to human rights committed
(9) their coach emphasized sportsmanship. Also, many student-athletes received advice or counseling relative to proper nutrition 98 (37\%); sleep/rest 119 ( $44 \%$ ); physical training 150

## Informal contexts:

(10) we're going to have a crash landing. Don't sit back. The proper position is to cross your hands on the seat in front of you, put
(11) kidnapped, was because he wasn't - didn't have, you know, proper fixer and transportation, and they were stopping in an internet cafe in Syria.
(12) I didn't love Sam, or because I thought the circus wasn't a proper place to raise up a child. I'd been in the circus a long

### 4.2.1 Suitable

Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary 3rd edition (2013) do not identify whether suitable is a formal or informal word, and both dictionaries do not show any example expressions of suitable which can be clearly identified as formal - there are only expressions of suitable in informal contexts.

## Informal contexts:

(a) This house is not really suitable for a large family.
(b) We are hoping to find a suitable school.
(Longman Dictionary of Contemporary English, 2014, p. 1837)

## Informal contexts:

(c) The show is not suitable for young children.
(d) a suitable place to live
(Longman Advanced American Dictionary, 2013, p. 1714)

One interesting point is that the thesaurus box in Longman Dictionary of Contemporary English (2014, p. 1837) shows that suitable is less formal than appropriate.

As for the data from the Corpus of Contemporary American English (COCA), the 300 concordance lines show that suitable occurs in both formal and informal contexts:

## Formal contexts:

(13) request.) Demonstration projects under the CCT program include environmental control technologies that are suitable for retrofitting existing plants, as well as technologies for repowering (replacing outmoded boilers
(14) operate in temperatures ranging from -40 degrees to 60 degrees C , which makes them suitable for meteorological or oceanographic measuring systems in the Brazilian rain forest, Middle Eastern deserts
(15) Specifically, children with mild to moderate degrees of physical disability were considered suitable for placement in regular classes if the school was easily accessible, if parental help

## Informal contexts:

(16) "in hopes that Dr. Zhau Tse Wen's project staff would find it a suitable place for their collision. They did, and eighty-two years later, one by
(17) from all sides. I'm sure it will be one of several -- very suitable memorials to Diana's life KING We'll be right back with more of Charles
(18) " Some, " I replied. " And you could come up with suitable national dress? " Dagger wanted to know. " You'd look nice in

After each synonym has been individually analyzed for its degree of formality, the comparisons between these three synonyms are shown in the following table:

Table 3: The comparisons between the total numbers and percentage of concordance lines of appropriate, proper, and suitable in all the five genres

| Synonyms | Total concordance lines of each synonym: 300 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Formal |  | Informal |  |
|  | number of <br> lines | percent | number of lines | percent |
| appropriate | 170 | $56.67 \%$ | 130 | $43.33 \%$ |
| suitable | 134 | $44.67 \%$ | 166 | $55.33 \%$ |
| proper | 99 | $33.00 \%$ | 201 | $67.00 \%$ |

Degree of formality is one of the criteria for distinguishing synonyms as one word in a set of synonyms can be used in formal contexts, while the others cannot (Jackson \& Amvela, 2000, p. 95).

According to Table 3, it is obvious that appropriate, proper, and suitable occur in both formal and informal contexts. However, it is interesting to note that the numbers of concordance lines of each synonym in formal and informal contexts are not the same. Of the 300 concordance lines of each synonym, the number of concordance lines of appropriate in formal contexts is highest, reaching 170 lines $(56.67 \%)$, which is higher than that of suitable ( 137 lines, $44.67 \%$ ) and that of proper ( 99 lines, $33.00 \%$ ). By contrast, as for informal contexts, the number of concordance lines of appropriate is lowest (130 lines, 43.33\%), while that of proper is highest (201 lines, $67.00 \%$ ), accounting for more than half of the total 300 lines. The number of concordance lines of suitable in informal contexts (139 lines, $55.33 \%$ ), however, is higher than those of appropriate but still lower than those of proper.

## Discussion

From on the findings, it is clear that appropriate, proper, and suitable are different in terms of degrees of formality. To clarify this, appropriate seems to be the most formal word, as it tends to be used more often in formal contexts and less often in informal contexts than proper and suitable, while proper seems to be the least formal word, as it tends to be used less often in formal contexts and more often in informal contexts than appropriate and suitable.

Based on the discussion above, it can be concluded that although appropriate, proper, and suitable share the same core meaning, they are not the same in terms of degrees of formality. Appropriate seems to stand out as the most formal word, followed by suitable and proper. Obviously, the findings lend support to the previous studies by Phoocharoensil (2010) and by Thamratana (2013) in that words in a set of synonyms, although sharing the same core meaning, can be different in terms of formality - some of the words tend to be found in formal contexts, whereas the others tend to be found in informal contexts.

In addition to the discussion above, it was found that, with regard to degrees of formality, Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary 3rd edition (2013) provide the same data, but the 300 concordance lines from Corpus of Contemporary American English (COCA) show some information which is non-existent in the dictionaries. To elaborate on this, both Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary 3rd editions (2013) reveal only that appropriate is more formal than suitable and the structure proper + to is formal, but do not state which of these words is most formal or least formal, or whether proper is more formal than appropriate and suitable. However, after the corpus data was analyzed, it was found that appropriate seems to be the most formal word, while proper is apparently the least formal word. Suitable is more formal than proper but less formal than appropriate. The findings are supported by the figures and percentages previously shown in Table 3. Overall, it may be concluded that the Corpus of Contemporary American English (COCA) reveals some information which is not provided by the two dictionaries. This is consistent with the studies by

Phoocharoensil (2010) and by Thamratana (2013) in that corpus-based data provide additional information which does not exist in the dictionaries.

### 4.3 COLLOCATIONS

Words in a set of synonyms may have the same core meaning but have different collocations. In this study, collocations of appropriate, proper, and suitable were studied in order to see if the three synonyms differ in terms of collocation. As these synonyms are adjectives, the study was aimed at studying adjective + noun and adverb + adjective collocations. The data was collected from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA). The results of the study are as follows:

### 4.3.1 Appropriate

Noun collocates of appropriate (appropriate + noun) are shown in the following tables:

Table 4: Noun collocates of appropriate from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> (2014) | time, place, action |  |
| Longman Advanced <br> American Dictionary <br> $(2013)$ | time, place, action | action |
| Macmillan Collocations <br> Dictionary (2010) | action, arrangements, <br> measures, method, <br> precautions, response, <br> safeguards, treatment |  |

As Table 4 shows, Macmillan Collocations Dictionary (2010) provides many more noun collocates than Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) provide only three noun collocates (time, place, and action). It was found that action is the noun collocate provided by all three dictionaries. However, although Macmillan Collocations Dictionary (2010) provides the greatest number of noun collocates, it does not show the collocates time and place, which are provided by the other two dictionaries.

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows noun collocates of appropriate in the following table:

Table 5: Noun collocates of appropriate from the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Rank | Words | Frequency (Times) |
| :---: | :---: | :---: |
| 1 | behavior | 5 |
| 2 | services | 5 |
| 3 | time | 4 |
| 4 | action | 4 |
| 5 | use | 3 |
| 6 | activities | 2 |
| 7 | amount | 2 |
| 8 | balance | 2 |
| 9 | degree | 2 |
| 10 | intervention | 2 |
| 11 | manner | 2 |
| 12 | means | 2 |
| 13 | name | 2 |
| 15 | point | 2 |
| 16 | reductions | 2 |

It is clearly seen from Table 5 that there are 16 common noun collocates of appropriate, each of which is found to occur at least two times or more in the 300 concordance lines. Behavior and services are the two noun collocates which have the highest frequency ( 5 times), followed by time and action (4 times), use ( 3 times), and the other collocates ( 2 times). The following sentences are corpus-based examples of the 16 collocates in contexts:
19) R., \& Marchant, M. (2007). Behavioral intervention planning: Increasing appropriate behavior of a socially withdrawn student. Education and Treatment of Children, 30,
20) isn't an organisation that stands alone, indeed it is a portal to accessing appropriate services and referral pathways to provide enhanced care for our patients. It is vital
21) being interrupted. If he takes issue with what I say, certainly at an appropriate time, I think that's -- SEN-DAVID-BOREN-C: Let me suggest this, and
22) for teacher induction program development need to be cognizant of the January milieu and implement appropriate action during that portion of the academic year. Although limited in scope, the
23) of current practices, future research should study the impact of training clinicians in the appropriate use of weighing. A second area of research involves the need for specific evidence
24) dribbling and shooting were later done with grades 2-5, even though these were not appropriate activities for young children. \# Factors Inhibiting Wash-out \# Several factors in the workplace
25) was done so that all students, regardless of reading rate, would read the appropriate amount of text to respond to the SVT statements. Normative oral reading rates from
26) meaningful cooperation even under the existing framework. 63 The challenge will be to strike the appropriate balance between safeguarding business concerns for confidentiality sufficiently so that business cooperation with antitrust investigations
27) will be highly dependent on the particular circumstances it faces. \# Third, the appropriate degree of delegated discretion will vary according to the endogenous and exogenous conditions that an
28) enable effective intervention development and delivery. With recent research acknowledging both the need for appropriate intervention rationales and the consideration of alternative measures of performance, there remains a lack
29) was no way that non-Indians could have amassed human remains or religious objects in any appropriate manner. \# Some Indians were even ambivalent about -- if not hostile to -
30) Office for the Defense of Human Rights. \# C. The bill will establish the appropriate means to make effective the firm commitment the two parties made during the negotiations to
31) form of stucco, so many that " living room " no longer seemed an appropriate name, that books were the native life form here, and the man,
32) hip or knee replacements. For each hospital, Medicare determined what it thought the appropriate number of readmissions should be based on the mix of patients and how the hospital
33) developments to unfold until the appropriate point. We're a lot closer to the appropriate point today because of the announcements that have been made. Bosnia Arms Embargo
34) $60 \%$ of corporations in America are paying no taxes at all. If you had appropriate reductions in corporate loopholes and appropriate enforcement, you'd have a fairer distribution,

Noun collocates from the three sources are shown in the following table:

Table 6: Noun collocates of appropriate from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Collocates | Shared collocates |
| :---: | :---: | :---: |
| Longman Dictionary of Contemporary English (2014) | action, place, time |  |
| Longman Advanced American Dictionary (2013) | action, place, time |  |
| Macmillan Collocations <br> Dictionary (2010) | action, arrangements, measures, method, precautions, response, safeguards, treatment | action |
| The Corpus of Contemporary American English (COCA) | action, activities, amount, balance, behavior, degree, intervention, manner, means, name, number, point, reduction, services, time, use |  |

It is shown in Table 6 that, among the three data sources, the Corpus of Contemporary American English (COCA) provides the highest number of collocates (16 collocates), while Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) provide the lowest number (3 collocates), and Macmillan Collocations Dictionary (2010) provides half the number of the Corpus of Contemporary American English (COCA) (8 collocates). It is interesting to note that only a few noun collocates are shared by the three data sources. Action is the collocate provided by all three data sources, time is the collocate provided by all data sources except Macmillan Collocations Dictionary (2010), and
place is the collocate provided by Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). This shows that the three data sources seem to provide different noun collocates.

With regard to adverb collocates, the adverb collocates of appropriate (adverb + appropriate) are shown in the following tables:

Table 7: Adverb collocates of appropriate from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> (2014) | highly, entirely, <br> particularly, wholly |  |
| Longman Advanced |  |  |
| American Dictionary | - |  |
| (2013) |  |  |
|  | clinically, contextually, <br> culturally, entirely, <br> environmentally, highly, <br> Macmillan Collocations <br> Dictionary (2010) |  |

It is clearly shown in Table 7 that Macmillan Collocations Dictionary (2010) provides the highest number of adverb collocates (11 collocates), while Longman Dictionary of Contemporary English (2014) provides four adverb collocates, and interestingly, Longman Advanced American Dictionary (2013) does not provide any adverb collocates at all. It was found that Longman Dictionary of Contemporary English (2014) provides all the same adverb collocates with Macmillan Collocations Dictionary (2010) except particularly, which was not found in Macmillan Collocations Dictionary (2010).

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows adverb collocates of appropriate in the following table:

Table 8: Adverb collocates of appropriate from the Corpus of Contemporary American English (COCA)

| Rank | Words | Frequency (Times) |
| :---: | :---: | :---: |
| 1 | developmentally | 5 |
| 2 | culturally | 3 |
| 3 | perfectly | 2 |
| 4 | very | 2 |

As Table 8 clearly illustrates, there are four common adverb collocates of appropriate, all of which were found to occur at least two times in the 300 concordance lines. Developmentally was found to occur most often (5 times), followed by culturally ( 3 times), and perfectly and very ( 2 times). The following sentences are corpus-based examples of the 4 collocates in contexts:
35) sets, it is also true that the learning task and challenge must be developmentally appropriate (Wormeli, 2014), within what Vygotsky has named the zone of proximal
36) that reflected the participant's need " to obtain approval by responding in a culturally appropriate and acceptable manner " (p. 135). Williams and Krane labeled coping styles
37) marriage, and I think many of the people would say why it's perfectly appropriate to ask George Allen about the state of his soul, would then turn around
38) is a citizens' board - makes the selection. I think that's very appropriate. It's a buffer against politics. And then, you can't replace

Adverb collocates from the three sources are shown in the following table:

Table 9: Adverb collocates of appropriate from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Collocates | Shared collocates |
| :---: | :---: | :---: |
| Longman Dictionary of Contemporary English (2014) | highly, entirely, particularly, wholly |  |
| Longman Advanced American Dictionary (2013) |  |  |
| Macmillan Collocations <br> Dictionary (2010) | clinically, contextually, culturally, entirely, environmentally, highly, linguistically, perfectly, singularly, very, wholly | - |
| The Corpus of Contemporary American English (COCA) | developmentally, culturally, perfectly, very |  |

According to the table, it is apparent that, among the three data sources, Macmillan Collocations Dictionary (2010) provides the highest number of adverb collocates (11 collocates), while Longman Dictionary of Contemporary English (2014), and the Corpus of Contemporary American English (COCA) provide 4 collocates. Longman Advanced American Dictionary (2013), however, does not show any adverb collocates. It is interesting to note that no adverb collocates are common to all three data sources. However, it was found that almost all the adverbs collocates provided by Longman Dictionary of Contemporary English (2014) and the Corpus of Contemporary American English (COCA) were found in Macmillan Collocations Dictionary (2010) - except particularly, which was found only in Longman

Dictionary of Contemporary English (2014), and developmentally, which is found only in the Corpus of Contemporary American English (COCA).

### 4.3.2 Proper

Noun collocates of proper (proper + noun) are shown in the following tables:

Table 10: Noun collocates of proper from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> $(2014)$ | place, way, name, job, <br> meals |  |
| Longman Advanced <br> American Dictionary <br> $(2013)$ | place, equipment, <br> behavior, man |  |
| Macmillan Collocations <br> Dictionary (2010) |  |  |

As Table 10 shows, Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) provide almost the same number of noun collocates ( 5 and 4 noun collocates respectively). Macmillan Collocations Dictionary (2010), however, does not show any noun collocates of proper at all. Place is the only noun collocate of proper provided by Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows noun collocates of proper in the following table:

Table 11: Noun collocates of proper from the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Rank | Words | Frequency (Times) |
| :---: | :---: | :---: |
| 1 | way | 13 |
| 2 | place | 8 |
| 3 | role | 7 |
| 4 | care | 6 |
| 5 | attire | 4 |
| 6 | balance | 4 |
| 7 | training | 4 |
| 8 | use | 4 |
| 9 | dress | 3 |
| 10 | name | 3 |
| 11 | position | 3 |
| 12 | procedures | 3 |
| 13 | size | 3 |
| 14 | amount | 2 |
| 15 | artwork | 2 |
| 16 | burial | 2 |
| 17 | course | 2 |
| 18 | credit | 2 |
| 19 | documentation | 2 |
| 20 | English | 2 |
| 21 | form | 2 |
| 22 | funeral | 2 |
| 23 | management | 2 |
| 24 | nutrition | 2 |
| 25 | operation | 2 |
| 26 | papers | 2 |
| 27 | precautions | 2 |
| 28 | punishment | 2 |
| 29 | relationship | 2 |
| 30 | respect | 2 |

As shown in Table 11, there are 30 common noun collocates of proper, each of which was found to occur at least two times or more in the 300 concordance lines. Way is the noun collocate which has the highest frequency ( 13 times), followed by place ( 8 times), role ( 7 times), care ( 6 times), and the other collocates with the frequency of 4,3 , and 2 times respectively. The following sentences are corpus-based examples of the 30 collocates in contexts:
35) and many more were decommissioned when their wounds failed to heal in the proper way. Similarly, every double lacks a right kneecap, a left heel,
36) I didn't love Sam, or because I thought the circus wasn't a proper place to raise up a child. I'd been in the circus a long
37) question dividing the two groups seemed to be a simple one: What is the proper role of the social scientist in relation to his or her knowledge of society?
38) of individual rooms and their contents (Beecher 308-84). Three chapters concerned the proper care and treatment of clothing and fabrics, and four additional chapters addressed the proper
39) -- dress up, you know? We do. We -- what is the proper attire for going to a soup kitchen? McGoran: Jeanine, who asks that
40) Independent Counsel, and Mr. Ruff, my counsel, and I about what the proper balance was in the Constitutional framework. And I did not want to put the
41) might be shoe shredder, hole digger, or couch chewer. But with the proper training, a family dog's job can include positive activities, such as taking
42) concerned with putting warning labels that warn of potential injuries that could occur from the proper use of the products, but also from the misuse of their products. And
43) The coach yells at him to go to the locker room and get into proper dress, and he just stands there, staring. Some pip-squeak next to him
44) introspective techniques that used to be our favorite source of evidence. \# When a proper name like this appears in a syntactic context where a determiner would not ordinarily follow
45) we're going to have a crash landing. Don't sit back. The proper position is to cross your hands on the seat in front of you, put
46) Gonzales said she did initiate legal action last year against the board for not following proper procedures, but withdrew the lawsuit when it proved too expensive to pursue.
47) reviving job creation. While the Census data won't settle the debate over the proper size of government, it did provide some evidence that federal safety-net and social-insurance programs
48) that in some countries, conditions are such that we can't expect the proper amount of vitamin C to be made available to everyone. But ultimately, it
49) of becoming a work of art obviously hinges on what we take to constitute a proper artwork. One nontrivial criterion for judging a proper artwork can be found in the
50) the heart-stopping thought that at least the man's family would get to have a proper burial. My sister-in-law, a nurse who was called upon to assist victims of
51) three times). The mother splits kola and divines with it to determine the proper course of action over the next few months. She may also take a piece
52) Mr. DONALDSON: Well, someone wrote- I wish I could remember to give proper credit, but someone wrote a great line, which is that Clintonthe only
53) the alligator is not. Dr. Seski has maintained through his attorney that he had proper documentation for hunting and killing the lion last month in Zimbabwe, though Zimbabwe officials
54) proses away at the Queen in that strange language of theirs that almost sounds like proper English but isn't quite. Not even the Queen speaks Scots. The translator
55) and are inclined to help him, many analysts question whether U.S. food is the proper form of aid, wondering whether it could be effectively distributed. Some high-ranking administration
56) give George a proper funeral. " \# " And you did give George a proper funeral, " Bennis said. " There was nothing wrong with anything you said
57) , " says Gillen. " That sameness is indicative of proper management, of proper land use. " \# The 3- to 6-acre fenced-off plots -- " exclosures,
58) their coach emphasized sportsmanship. Also, many student-athletes received advice or counseling relative to proper nutrition 98 (37\%); sleep/rest 119 (44\%); physical training 150
59) time, Israeli and Palestinian officials toured the Israeli water processing facilities to ensure their proper operation. The Palestinians were given documentation to allow them to use the facilities the
60) dozens of immigration agents accompanied by Mr. Salem raided the hotel, arresting workers without proper papers. Mr. Singh said he told the supervisory agent, Perry Kao, that
61) independence and yet have a prosperous America, you should allow offshore drilling with the proper precautions, naturally, making sure it doesn't damage the environment. And where
62) pressed in, feeling sweat sting his palm. This, too, felt like proper punishment. The white frost or mold made his nose itch and pour snot like
63) in a quandary about what's the purpose of our existence? What is our proper relationship to God? What is the measurement of success in life as measured by
64) flow (from the body) for the disaggregated particles of kidney stones. With proper respect for the internal coherence of such strikingly different theories about the natural world,

Noun collocates from the three sources are shown in the following table:

Table 12: Noun collocates of proper from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Collocates | Shared collocates |
| :--- | :--- | :--- |
| Longman Dictionary of <br> Contemporary English <br> (2014) | place, way, name, job, meals |  |
| Longman Advanced <br> American Dictionary <br> (2013) | place, equipment, behavior, man |  |$\quad$.

It is clear from Table 12 that, among the three data sources, the Corpus of Contemporary American English (COCA) provides the highest number of noun collocates ( 30 noun collocates), while Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) provide 5 and 4 noun collocates respectively. Macmillan Collocations Dictionary (2010), however, does not provide any noun collocates of proper. It is interesting to note that place is the only noun collocate shared by Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and The Corpus of Contemporary American English (COCA). In addition, it is found that some of the noun collocates
provided by Longman Dictionary of Contemporary English (2014) (job and meals) and Longman Advanced American Dictionary (2013) (equipment, behavior, and man) are not the common noun collocates provided by the Corpus of Contemporary American English (COCA). This shows that although the Corpus of Contemporary American English (COCA) provides the highest number of noun collocates, it sometimes does not show some collocates provided by the dictionaries as common noun collocates. Overall, The Corpus of Contemporary American English (COCA) seems to provide different noun collocates from Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). With regard to adverb collocates, the adverb collocates of proper (adverb + proper) are shown in the following tables:

Table 13: Adverb collocates of proper from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> $(2014)$ | only |  |
| Longman Advanced <br> American Dictionary <br> $(2013)$ | - |  |
| Macmillan Collocations <br> Dictionary (2010) | entirely, only, perfectly, <br> quite, very, wholly |  |

Table 13 demonstrates that Macmillan Collocations Dictionary (2010) provides the highest number of adverb collocates (6 collocates), while Longman Dictionary of Contemporary English (2014) provides only one adverb collocate. Longman Advanced American Dictionary (2013), however, does not show any adverb collocates. It was found that only, the only adverb collocate provided by Longman

Dictionary of Contemporary English (2014), is also shown in Macmillan Collocations Dictionary (2010).

However, it was found that the 300 concordance lines in the Corpus of Contemporary American English (COCA) do not show any common adverb collocates of proper.

Adverb collocates from the three sources are shown in the following table:

Table 14: Adverb collocates of proper from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Collocates | Shared collocates |
| :--- | ---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> $(2014)$ | only |  |
| Longman Advanced <br> American Dictionary <br> $(2013)$ | - |  |
| Macmillan Collocations <br> Dictionary (2010) |  <br> entirely, only, perfectly, quite, <br> very, wholly |  |
| The Corpus of <br> Contemporary American <br> English (COCA) |  |  |

It is clearly demonstrated in Table 14 that, among the three data sources, Macmillan Collocations Dictionary (2010) provides the highest number of adverb collocates ( 6 collocates), while Longman Dictionary of Contemporary English (2014) provides only one collocate. Both Longman Advanced American Dictionary (2013)
and the Corpus of Contemporary American English (COCA), however, provide no adverb collocates.

### 4.3.3 Suitable

Noun collocates of suitable (proper + noun) are shown in the following tables:

Table 15: Noun collocates of suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> $(2014)$ | place, school, time |  |
| Longman Advanced <br> American Dictionary <br> (2013) | place |  |
| Macmillan Collocations <br> Dictionary (2010) | - |  |

Table 15 clearly illustrates that there are not many noun collocates of suitable. Longman Dictionary of Contemporary English (2014) provides 3 noun collocates, while Longman Advanced American Dictionary (2013) provides only one noun collocate. Macmillan Collocations Dictionary (2010), however, does not show any noun collocates of suitable at all. Both Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) share only one noun collocate (place).

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows noun collocates of suitable in the following table:

Table 16: Noun collocates of suitable from the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Rank | Words | Frequency (Times) |
| :---: | :---: | :---: |
| 1 | habitat | 3 |
| 2 | housing | 3 |
| 3 | marriage | 3 |
| 4 | place | 3 |
| 5 | candidate | 2 |
| 6 | education | 2 |
| 7 | host | 2 |
| 8 | soil | 2 |
| 9 | time | 2 |

Table 16 clearly shows that there are 9 common noun collocates of suitable, each of which was found to occur at least two times or more in the 300 concordance lines. Habitat, housing, marriage, and place are the common noun collocates which have the highest frequency ( 3 times), while the other common noun collocates occur only 2 times. The following sentences are corpus-based examples of the 30 collocates in contexts:
65) must be defined. Combining historical presence and absence data with probabilistic niche modeling for suitable habitat (Elith and Leathwick 2009) may help in establishing what part of a
66) less preoccupied with the problems of housing than were his predecessors. A lack of suitable housing reached crisis proportions with Speer's attempt to impose a massive urban design on
67) over even Gwenlian and inherit both crowns. Of course, he must make a suitable marriage first-which is proving difficult, since no decent house will entertain his suit after
68) they could just put money into the ones they have, or find a more suitable place for it, " Plant said. \# Plant said she's afraid the
69) 's " In the Midnight Hour "; six-three, I was probably the sole suitable candidate for Emily at her five-eleven or so. But by this time Emily's
70) School District were really interested in helping children with Asperger's and other disabilities find suitable education, it could do so legally. Instead the district is using Nathan Oakley
71) within, or near their host plant have a considerable advantage because at least one suitable host is readily available, and there is a good chance of phenological synchrony between
72) other, and from the top of the hill to the bottom. Finding a suitable soil right beneath the spot on which you have chosen to build your house is
73) flowers have had all night to absorb water and chill. Evening is also a suitable time. Cut the flowers with several inches of stem, if possible, and

Noun collocates from the three sources are shown in the following table:

Table 17: Noun collocates of suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of <br> Contemporary English <br> (2014) | place, school, time |  |
| Longman Advanced <br> American Dictionary <br> (2013) | place |  |
| Macmillan Collocations <br> Dictionary (2010) |  |  |
| The Corpus of | - |  |


| Contemporary American | candidate, education, host, soil, |  |
| :--- | :---: | :--- |
| English (COCA) | time |  |

According to Table 17, it is evident that there are not many common noun collocates of suitable. Among the three data sources, the Corpus of Contemporary American English (COCA) provides the highest number of noun collocates (9 noun collocates), while Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) provide only 3 and 1 noun collocates respectively. Macmillan Collocations Dictionary (2010), however, does not provide any noun collocates of suitable. It is interesting to note that place is the only common noun collocate shared by Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and The Corpus of Contemporary American English (COCA). In addition, it was found that almost all the noun collocates provided by Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) are also demonstrated by the Corpus of Contemporary American English (COCA). This shows that, for suitable, Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and The Corpus of Contemporary American English (COCA) provides similar noun collocates.

With regard to adverb collocates, the adverb collocates of proper (adverb + proper) are shown in the following tables:

Table 18: Adverb collocates of suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman | really |  |
| Dictionary of |  |  |
| Contemporary |  |  |
| English (2014) | - |  |
| Longman Advanced <br> American | eminently, entirely, equally, <br> Dictionary (2013) |  |
| Macmillan |  <br> eollocations <br> generally, hardly, highly, ideally, <br> normally, particularly, perfectly, <br> potentially, quite, really, very |  |

Table 18 evidently shows that Macmillan Collocations Dictionary (2010) provides the highest number of adverb collocates ( 17 collocates), while Longman Dictionary of Contemporary English (2014) provides only one adverb collocate. Longman Advanced American Dictionary (2013), however, does not show any adverb collocates. It was found that really, the only adverb collocate provided by Longman Dictionary of Contemporary English (2014), is also shown in Macmillan Collocations Dictionary (2010).

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows adverb collocates of suitable in the following table:

Table 19: Adverb collocates of suitable from the Corpus of Contemporary American English (COCA)

| Rank | Words | Frequency (Times) |
| :---: | :---: | :---: |
| 1 | very | 3 |
| 2 | equally | 2 |

As Table 19 shows, it is apparent that the 300 concordance lines from the Corpus of Contemporary American English (COCA) provide only 2 common adverb collocates of suitable. These two adverb collocates are very and equally, which occur 3 times and 2 times respectively. The following sentences are corpus-based examples of the 2 collocates in contexts:
74) from all sides. I'm sure it will be one of several -- very suitable memorials to Diana's life KING We'll be right back with more of Charles
75) can yet refute by demonstrating that another instrument with less adverse impact would be equally suitable within the selection process. \# Even a cursory review of the litigation will indicate

Adverb collocates from the four sources are shown in the following table:

Table 20: Adverb collocates of suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Collocates | Shared collocates |
| :--- | :---: | :---: |
| Longman Dictionary of | really |  |
| Contemporary English |  |  |
| (2014) | - |  |
| Longman Advanced |  |  |
| American Dictionary |  |  |
| (2013) | eminently, entirely, equally, <br> especially, entirely, extremely, <br> generally, hardly, highly, ideally, |  |
| Macmillan Collocations |  <br> Dictionary (2010) <br> normally, particularly, perfectly, <br> potentially, quite, really, very |  |


| The Corpus of | very, equally |  |
| :--- | :--- | :--- |
| Contemporary American |  |  |
| English (COCA) |  |  |

According to Table 20, it is clear that, among the three data sources, Macmillan Collocations Dictionary (2010) provides many common adverb collocates (17 collocates), while the other sources provide no or almost no common adverb collocates. Longman Dictionary of Contemporary English (2014) and the Corpus of Contemporary American English (COCA) provide only one and two adverb collocates respectively, while Longman Advanced American Dictionary (2013) does not provide any common adverb collocates. It was found that all the adverb collocates provided by Longman Dictionary of Contemporary English (2014) and The Corpus of Contemporary American English (COCA) were also found in Macmillan Collocations Dictionary (2010).

After the collocates of the three synonyms were individually analyzed, the total collocates of the three words, both noun and adverb collocates, were compared to identify whether these three synonyms are similar or different in terms of collocation. The results are demonstrated in the following tables:

Table 21: Noun collocates of appropriate, proper, and suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Synonyms |  |  |
| :---: | :---: | :---: | :---: |
|  | appropriate | proper | suitable |
| Longman Dictionary of Contemporary English (2014) | action, time, place | place, way, name, job, meals | place, school, time |
| Longman <br> Advanced <br> American <br> Dictionary (2013) | action, time, place | place, equipment, behavior, man | place |


| Macmillan Collocations Dictionary (2010) | action, arrangements, measures, method, precautions, response, safeguards, treatment | - |  |
| :---: | :---: | :---: | :---: |
| The Corpus of Contemporary American English (COCA) | behavior (5 times) services (5 times) time (4 times) action (4 times) use (3 times) activities (2 times) amount (2 times) balance ( 2 times) degree (2 times) intervention (2 times) manner (2 times) means (2 times) name (2 times) number (2 times) |  | habitat (3 times) <br> housing ( 3 times) <br> marriage (3 times) <br> place (3 times) <br> candidate <br> (2 times) <br> education (2 <br> times) <br> host (2 times) <br> soil (2 times) <br> time (2 times) |


| Shared Noun Collocates |  |  |  |
| :---: | :---: | :---: | :---: |
| appropriate and <br> proper | proper and suitable | appropriate and <br> suitable | appropriate, <br> proper, and <br> suitable |
| place, precautions, <br> behavior, name, <br> amount, balance, <br> use | place | place, time | place |

Table 21 shows common noun collocates of appropriate, proper, and suitable collected from the four different sources. As the table demonstrates, it is clear that the three synonyms share only one noun collocate - place, which was found to occur in all the sources of data except Macmillan Dictionary (2010) and the 300 concordance lines of appropriate.

The findings show that appropriate and proper share up to 7 common noun collocates, while appropriate and suitable share only 2 noun collocates. Proper and suitable share only one noun collocate. Obviously, it was found that proper has more common noun collocates than appropriate and suitable.

As for the sources of data, it is obvious that some noun collocates, which were found in the Corpus of Contemporary American English (COCA), were found to be non-existent in Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010). Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) provide almost the same numbers of noun collocates of each synonym, while Macmillan Collocations Dictionary (2010) provides only noun collocates of appropriate but does not show any noun collocates of proper and suitable. Although the Corpus of Contemporary American English (COCA) shows the highest numbers of noun collocates, some noun collocates which are provided by the dictionaries do not occur in the concordances lines.

## Discussion

The results of the study clearly suggest that these three synonyms cannot co-occur with all the same noun collocates. Place is the only one which can be shared. In addition to being the only shared noun collocate, place seem to be a strong
collocate of proper because it was found to occur up to 8 times in the 300 concordance lines of proper. For the other synonyms, place was found to occur only 3 times in the 300 concordance lines of suitable and not to occur at all in those of appropriate.

In terms of noun collocation, the findings imply that appropriate seems to be closer to proper than to suitable. This is because appropriate and proper share up to 7 common noun collocates, while appropriate and suitable share only 2 noun collocates, and proper and suitable share only one noun collocate.

Among the three synonyms, proper was found to have more common noun collocates than appropriate and suitable. This may be explained by the fact that proper has a wider range of meanings, as previously discussed in the former criterion, i.e. meanings.

In this part, the findings reveal that the four sources of data do not show all the same noun collocates. This may be due to the fact that the sources of data are based on different corpora. That is, Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) are based on Longman Corpus Network, while Macmillan Collocations Dictionary (2010) is based on World English Corpus.

Table 22: Adverb collocates of appropriate, proper, and suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the Corpus of Contemporary American English (COCA)

| Data Sources | Synonyms |  |  |
| :---: | :---: | :---: | :---: |
|  | appropriate | proper | suitable |
| Longman |  |  |  |
| Dictionary of | highly, entirely, | only | really |
| Contemporary | particularly, wholly |  |  |
| English (2014) |  |  |  |
|  |  |  |  |



Table 22 shows common adverb collocates of appropriate, proper, and suitable collected from the four different sources. According to the table, it is obvious that the three synonyms share three adverb collocates: entirely, perfectly, and very. Nevertheless, in this study, quite and very are considered weak and insignificant adverb collocates because these two words are common modifiers and can co-occur with almost all adjectives. Apart from this, it is found that each pair of synonyms,
appropriate and proper, proper and suitable, and appropriate and suitable shares four to five adverb collocates. It is interesting to note that almost all the shared adverb collocates are adverbs of degree, or adverbs which show the intensity or degree of a verb, adjective, or another adverb. Still, there are many other adverb collocates which are not shared by any pair of these synonyms. Environmentally and linguistically, for example, are found to occur only with appropriate, not with proper or suitable.

As for the sources of data, it is obvious that Macmillan Collocations Dictionary (2010) provides many adverb collocates not shown in the Corpus of Contemporary American English (COCA). What seems to be an interesting point is that the Corpus of Contemporary American English (COCA) provides only a small number of them for each of the synonyms, and Longman Advanced American Dictionary (2013) does not provide any adverb collocates for each of the three synonyms at all.

## Discussion

The results of the study suggest that these three synonyms cannot occur with all the same adverb collocates. Among the three synonyms, it was found that appropriate and suitable share a similar number of adverb collocates, while proper seems to pair with a smaller number of adverbs. This may imply that appropriate and suitable seem to collocate with adverbs more often than proper does.

Overall, it can be concluded that appropriate, proper, and suitable tend to co-occur with different noun and adverb collocates. Although they share some collocates, those collocates are only a small number out of the total. This suggests that these three synonyms cannot be used interchangeably in all contexts; they can be distinguished by the words they tend to collocate with. The findings are consistent with a theoretical perspective proposed by Palmer (1997) that some words are restricted by their collocations and only co-occur with some words. In addition, the findings provide support to the previous studies by Phoocharoensil (2010), Chung (2011), Cai (2012), Chanchotphattha (2013), and Aroonmanakun (2015) in that words in a set of synonyms, although sharing the same core meaning, cannot be used interchangeably in all contexts because, mostly, they tend to co-occur with different words. However, it is important to be aware that that not all collocates of these
synonyms are covered by the four data sources; there may be some additional collocates outside these sources.

As suggested by the previous studies by Phoocharoensil (2010) and Chanchotphattha (2013), the 300 concordance lines from the Corpus of Contemporary American English (COCA) was thought to show more collocates of each of the three synonyms than the other sources. However, the findings reveal that this is true for noun collocation, but not for adverb collocation. To clarify this, it was found that, for noun collocation, the Corpus of Contemporary American English (COCA) shows some noun collocates which do not appear in the other sources, but, for adverb collocation, Macmillan Collocations Dictionary (2010) provides many adverb collocates which were not found in the other sources, whereas the Corpus of Contemporary American English (COCA) provides not many adverb collocates for appropriate and suitable, and none for proper. This may be due to the fact that Macmillan Collocations Dictionary (2010) is based on a 2-billion word corpus of modern English, which is a bigger source of data than only the 300 concordance lines from the Corpus of Contemporary American English (COCA), and that the focus of this dictionary is on collocations, therefore as many collocates as possible are listed.

### 4.4 GRAMMATICAL STRUCTURES

Words in a set of synonyms may be commonly used with different grammatical structures. In this study, appropriate, proper, and suitable were studied in order to identify grammatical structures of the three words.

### 4.4.1 Appropriate

Grammatical structures, along with example sentences, of appropriate from the three dictionaries are shown in the following table:

Table 23: Grammatical structures of appropriate from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Grammatical Sturctures | Examples |
| :---: | :---: | :---: |
| Longman Dictionary of Contemporary English (2014) | appropriate + noun | I can assure you that appropriate action will be taken. |
|  | as + appropriate | Mark box 1 or 2, as appropriate. |
|  | linking v.+ appropriate | The timing of the announcement was particularly appropriate. |
|  | linking v. + appropriate <br> $+($ for sb$)+$ to $+\mathrm{v} . \inf$ | It would not be appropriate for me to discuss that now. |
|  | linking v. + appropriate $+ \text { to }+ \text { sth }$ | an education system which is more appropriate to the needs of the students. |
|  | linking v. + appropriate + that | It seemed somehow appropriate that we should begin our journey here. |
|  | $\begin{aligned} & \text { noun }+ \text { appropriate }+ \\ & \text { for }+ \text { sth } \end{aligned}$ | clothes appropriate for a job interview. |
|  | where + appropriate | Where appropriate, I delegate as much work as possible. |


| Longman Advanced American Dictionary (2013) | appropriate + noun | We will take appropriate action once the investigation is over. |
| :---: | :---: | :---: |
|  | linking v.+ appropriate | The surgery performed must be clinically appropriate. |
|  | linking v. + appropriate $+ \text { for }+\mathrm{sb}$ | The movie is appropriate for children aged 12 and over. |
|  | linking v. + appropriate $+(\text { for } s b)+\text { to }+ \text { v.inf }$ | It is not appropriate to ask such personal questions in an interview. |
|  | $\begin{aligned} & \text { noun + appropriate }+ \text { to } \\ & + \text { sth } \end{aligned}$ | They need to offer a salary appropriate to his experience and education. |
| Macmillan <br> Collocations <br> Dictionary (2010) | appropriate + noun | We take appropriate precautions to protect any information you submit using our website. |
|  | linking v. + appropriate $+ \text { for }+ \text { sth }$ | Not all of the tests mentioned will be appropriate for use with every child. |
|  | linking v. + appropriate $+ \text { to }+ \text { sth }$ | Having equipment that is appropriate to the needs of visually impaired pupils is the first step to improved learning. |
|  | $\begin{aligned} & \text { noun + appropriate }+ \text { to } \\ & + \text { sth } \end{aligned}$ | Register is what linguists call a style appropriate to the occasion. |
|  | noun + s. + v. + appropriate | Please donate any items you deem appropriate. |
| Shared grammatical structure |  | appropriate + noun |

*v. = verb, v.inf = verb in the infinitive form, sth = something, sb = somebody, s. $=$ subject

Table 23 shows that there are many grammatical structures of appropriate. Longman Dictionary of Contemporary English (2014) shows 8 grammatical structures, followed by Macmillan Collocations Dictionary (2010) (6 structures), and Longman Advanced American Dictionary (2013) (5 structures). The three dictionaries provide different grammatical structures; only one structure is shared: appropriate + noun.

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows grammatical structures of appropriate, as illustrated in the following table:

Table 24: Grammatical structures of appropriate from the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Rank | Grammatical Structures | Frequency (Times) | Examples |
| :---: | :---: | :---: | :---: |
| 1 | appropriate + noun | 191 | If such impairment is suspected, the Code of Ethics mandates social workers to seek appropriate consultation. |
| 2 | linking v. + appropriate | 43 | and the targets QOF have chosen are appropriate |
| 3 | linking v. + appropriate + to $+\mathrm{v} . \mathrm{inf}$ | 15 | and when it is appropriate to perform them |
| 4 | $\begin{aligned} & 4.1 \text { linking v. + } \\ & \text { appropriate + for + sb } \end{aligned}$ | 9 | making program decisions that are most appropriate for gifted learners |
|  | 4.2 linking v. + appropriate + for + sth | 6 | that EE concepts were not appropriate for their grade level |
| 5 | linking v. + appropriate + for $+\mathrm{sb}+$ to $+\mathrm{v} . \inf$ | 5 | that it's appropriate for us to broadcast something |
| 6 | $\begin{aligned} & 6.1 \text { linking v. + } \\ & \text { appropriate }+ \text { to }+ \text { sb } \end{aligned}$ | 2 | create whatever seems appropriate to them |
|  | $\begin{aligned} & 6.2 \text { linking } \mathrm{v} .+ \\ & \text { appropriate }+ \text { to }+ \text { sth } \end{aligned}$ | 2 | did not know which operation was appropriate to the problem |
| 7 | linking v. + appropriate + that | 4 | Perhaps it is appropriate that stick insects, which as adults mimic sticks, start out by living the |
| 8 | $\begin{aligned} & \text { noun }+ \text { appropriate }+ \text { for } \\ & + \text { sth } \end{aligned}$ | 4 | dress the bear in the clothes appropriate for that day's weather |


| 9 | $9.1 \text { v. + obj.+ }$ <br> appropriate | 3 | consistently adjusting tasks are keeping them more appropriate |
| :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 9.2 \mathrm{v} . \text { to be }+ \text { past } \\ & \text { participle }+ \text { appropriate }+ \\ & \text { to }+ \text { sth } \end{aligned}$ | 1 | a way that is considered appropriate to one's age, gender, or relationship status |
|  | $9.3 \text { obj. + s. + v. + }$ appropriate | 1 | we give whatever gifts we considered appropriate |
| 10 | linking v. + appropriate + for +v .ing | 2 | International law is particularly appropriate for regulating such activities |
| 11 | noun + appropriate | 2 | To the maximum extent appropriate, students are invited |
| 12 | conj. + appropriate | 2 | Less traditional but certainly appropriate, this all-purpose pastry dough yields |
| 13 | as + appropriate | 2 | will review the letter and respond as appropriate |
| 14 | when +appropriate | 1 | Referring students to other professionals, when appropriate, for additional assessment/appraisal |
| 15 | where + appropriate | 1 | was conducted on these variables along with Scheffe tests where appropriate |
| 16 | noun + past participle + appropriate | 1 | various practices considered appropriate by Westerneducated Nigerians |
| 17 | linking v. + noun + appropriate | 1 | clothes that are work appropriate |
| 18 | $\begin{aligned} & \text { noun }+ \text { appropriate }+ \text { to } \\ & + \text { sth } \end{aligned}$ | 1 | The blastocyst must be treated with respect appropriate to early human embryonic tissue |
| 19 | (Omission of linking v.) <br> + appropriate | 1 | Citizen boycotts are appropriate. Government stepping in, not appropriate. |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, $\mathrm{sth}=$ something, $\mathrm{v} . \inf =$ verb in the infinitive form, $\mathrm{s} .=\operatorname{subject}, \mathrm{v} .=\mathrm{verb}, \mathrm{obj} .=\mathrm{object}$, conj. $=$ conjunction

As Table 24 shows, based on the 300 concordance lines from the Corpus of Contemporary American English (COCA), 19 grammatical structures of appropriate can be identified. The structure appropriate + noun was found to occur
with the highest frequency (191 times), followed by linking v. + appropriate with the second highest frequency (43 times). Although appropriate + noun occurs with the highest frequency, the structure noun + appropriate exists, but with much less frequency, noun + appropriate ( 2 times) and noun + appropriate + to + sth ( 1 time). It was also found that appropriate seems to occur with to-infinitive as the structures linking $v .+$ appropriate + to $+v . \inf$ and linking $v .+$ appropriate + for $+s b+$ to + $v . \inf$ were found to occur up to 15 and 5 times respectively. As for prepositions, it is shown that appropriate seems to collocate with for rather than to. To illustrate this, it was found that the structure linking v. + appropriate + for $+s b /$ sth occurs 15 times, while the structure linking $v .+$ appropriate + to $+s b / s t h$ occurs only 4 times.

The total grammatical structures of appropriate from the four sources of data are demonstrated in the following table:

Table 25: Grammatical structures of appropriate from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Data Sources | Grammatical Structures |
| :--- | :--- |
|  | 1) appropriate + noun <br> Longman Dictionary of <br> Contemporary English <br> (2014) appropriate |
|  | 3) linking v.+ appropriate <br> 4) linking v. + appropriate + to + sth <br> 5) linking v. + appropriate + (for sb) + to + v.inf <br> 6) linking v. + appropriate + that |
|  | 7) noun + appropriate + for + sth <br> 8) where + appropriate |
| Longman Advanced | 1) appropriate + noun <br> American Dictionary <br> (2013) linking v.+ appropriate |


|  | 4) linking v. + appropriate + (for sb) + to + v.inf <br> 5) linking v. + appropriate + noun + to + v.inf <br> 6) noun + appropriate + to + sth |
| :---: | :---: |
| Macmillan Collocations <br> Dictionary (2010) | 1) appropriate + noun <br> 2) linking v. + appropriate + for + sth <br> 3) linking v. + appropriate + to + sth <br> 4) noun + appropriate + to + sth <br> 5) noun + s. + v. + appropriate |
| The Corpus of Contemporary American English (COCA) | 1) appropriate + noun <br> 2) as + appropriate <br> 3) conj. + appropriate <br> 4) linking v. + appropriate <br> 5) 5.1) linking v. + appropriate + for +sb <br> 5.2) linking $v .+$ appropriate + for + sth <br> 6) 6.1) linking v. + appropriate + to +sb <br> 6.2) linking v. + appropriate + to + sth <br> 7) linking v. + appropriate + for $+s b+$ to $+v . \inf$ <br> 8) linking v. + appropriate + for $+v$. ing <br> 9) linking v. + appropriate + to $+v . \inf$ <br> 10) linking v. + appropriate + that <br> 11) linking v. + noun + appropriate <br> 12) noun + appropriate <br> 13) noun + appropriate + to + sth <br> 14) noun + appropriate + for + sth <br> 15) noun + past participle + appropriate <br> 16) 16.1) v. + obj.+ appropriate <br> 16.2) v . to be + past participle + appropriate + to + sth <br> 16.3) noun $+\mathrm{s} .+\mathrm{v} .+$ appropriate |


|  | 17) when +appropriate <br> 18) where + appropriate <br> 19) (Omission of linking v.) + appropriate |
| :---: | :--- |
| Shared Grammatical <br> Structure | appropriate + noun |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, $\mathrm{sth}=$ something, $\mathrm{v} . \inf =$ verb in the infinitive form, $\mathrm{s} .=$ subject, $\mathrm{v} .=\mathrm{verb}, \mathrm{obj} .=\mathrm{object}$, conj. $=$ conjunction

As can been seen from Table 25, the 300 concordance lines from the Corpus of Contemporary American English (COCA) clearly provide many more grammatical structures than the other three sources of data. The corpus shows 19 grammatical variations of appropriate, while the other sources show fewer than 10 grammatical structures. The only common grammatical structure among the four data sources is appropriate + noun. It is interesting to note that all the structures provided by Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010) can be found in the 300 concordance lines from the Corpus of Contemporary American English (COCA), yet many structures, such as $v$. to be + past participle + appropriate + to + sth and noun + past participle + appropriate, which are provided by the corpus, were found in the three dictionaries. Moreover, it was found that, except for appropriate + noun, the three dictionaries provide different grammatical structures. The structures as + appropriate and where + appropriate, for example, were found only in Longman Dictionary of Contemporary English (2014); the structure linking v. + appropriate + to + sth was found in Longman Dictionary of Contemporary English (2014) and Macmillan Collocations Dictionary (2010) but not in Longman Advanced American Dictionary (2013).

### 4.4.2 Proper

Grammatical structures, along with example sentences, of proper from the three dictionaries are shown in the following table:

Table 26: Grammatical structures of proper from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Grammatical Sturctures | Examples |
| :---: | :---: | :---: |
| Longman Dictionary of Contemporary English (2014) | linking v. + proper | She was very formal and proper. |
|  | linking v. + proper + (for sb) + to + v.inf | I don't feel that it would be proper for me to give you that information. |
|  | linking v. + proper + that | It is only right and proper that an independent inquiry should take place. |
|  | linking v. + proper + to $+\mathbf{s t h}$ (formal) | dressed in a way that was proper to the occasion |
|  | proper + noun | Everything was in its proper place. |
| Longman Advanced American Dictionary (2013) | $\underset{+v i n g}{\operatorname{linking} v .+ \text { proper }+ \text { to }}$ | It just wouldn't have been proper to not invite Jeff. |
|  | $\text { noun }+ \text { proper + to + }$ <br> sth (formal) | Please dress in a way proper to the occasion. |
|  | proper + noun | They still think the proper place for a woman is at home with the kids. |
| Macmillan Collocations Dictionary (2010) | linking v. + proper | Many hours had been spent discussing the issue, as was entirely right and proper. |
|  | $\begin{aligned} & \text { linking v. }+ \text { proper }+ \text { to } \\ & +\mathrm{v} \cdot \mathrm{inf} \end{aligned}$ | He argues that in many cases it is perfectly proper to withhold or withdraw life-preserving treatment. |
|  | $\begin{aligned} & \text { v. }+ \text { obj. }+ \text { proper }+ \text { to } \\ & + \text { v.inf } \end{aligned}$ | I am usually quick to complain if I receive poor service, so I feel it only proper to compliment good service. |
| Shared Grammatical Structure linking |  | g v. + proper + to + v.inf |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, sth $=$ something, $\mathrm{v} . \inf =\mathrm{verb}$ infinitive,
s. $=$ subject, v. $=$ verb, obj. $=$ object

Table 26 clearly shows that there are 3 to 5 grammatical structures provided by each of the three data sources. Longman Dictionary of Contemporary English (2014) shows 5 grammatical structures, followed by Longman Advanced American Dictionary (2013) and Macmillan Collocations Dictionary (2010) (3 structures). It was found that only one grammatical structure is shared: linking $v .+$ proper + to + v.inf. One interesting point to note is that both Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) indicate that the structure proper + to + sth is formal.

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows grammatical structures of proper: as illustrated in the following table:

Table 27: Grammatical structures of proper from the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Rank | Grammatical <br> Structures | Frequency <br> (Times) | Examples |
| :---: | :--- | :---: | :--- |
| 1 | proper + noun | 284 | The proper position is to <br> cross your hands on the seat in <br> front of you |
| 2 | linking v. + proper | 4 | He felt that was proper. |
| 3 | linking v. + proper + to + <br> v.inf | 4 | but it didn't seem proper to <br> give away such a fine gift |
| 4 | linking v. + proper + for <br> + sb/sth + to + v.inf | 3 | it's proper for government to <br> nudge couples into instruction |
| 5 | noun + proper + to + sth | 3 | to counteract the <br> intemperance proper to their <br> practice |


| 6 | as + proper | 1 | those very things that his <br> identity as " clean and <br> proper," |
| :---: | :--- | :---: | :--- |
| 7 | (Omission of linking v.) <br> +proper | 1 | Unruffled, and proper in his <br> tan uniform and stiff-brimmed <br> hat, the driver pulled to the <br> curb |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, $\mathrm{sth}=$ something, $\mathrm{v} . \mathrm{inf}=$ verb in the infinitive form

As Table 27 clearly illustrates, 7 grammatical structures of proper can be identified. Obviously, the structure proper + noun was found to occur with the highest frequency ( 284 times), accounting for more than $90 \%$ of the total occurrences. The structures that come with the second highest frequency (4 times) are linking $v .+$ proper and linking $v .+$ proper + to + v.inf, followed by the structures linking $v .+$ proper + for $+s b / s t h+$ to $+v . i n f$ and noun + proper + to $+s t h$ that come as the third highest frequency ( 3 times of each). Finally, the structures as + proper and (Omission of linking v.) + proper have the lowest frequency ( 1 time of each).

As previously mentioned, Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) show that the structure proper + to + sth is formal, the 300 concordance lines of proper were then investigated to demonstrate if the corpus data is consistent with the data given by the two dictionaries. The results are shown in the following table:

Table 28: Numbers of formal and informal contexts in which the structure proper + to + sth was found to occur

| Degrees of <br> formality | Frequency <br> (times) | Examples | Genres |
| :---: | :---: | :--- | :---: |
| formal | 2 | The collision at that intersection <br> rerouted his conception of the <br> terrain proper to modern <br> painting | Academic |


| informal | 1 | solve the vicissitudes of daily life <br> and to counteract the <br> intemperance proper to their <br> practice, they also force their <br> practitioners | Fiction |
| :--- | :--- | :--- | :--- |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, sth $=$ something, $\mathrm{v} . \mathrm{inf}=\mathrm{verb}$ in the infinitive form, $\mathrm{s} .=$ subject, $\mathrm{v} .=\mathrm{verb}, \mathrm{obj} .=$ object, conj. $=$ conjunction

From Table 28, it is apparent that the structure proper + to + sth can be used in both formal and informal contexts. The structure was found to occur 2 times in the academic genre (formal) and only 1 time in the fiction genre (informal).

## Discussion

That this structure occurs only 1 time more often in formal context than in informal context may be inadequate to justify that the structure proper + to $+s t h$ is mainly used in formal context. For this reason, it cannot be concluded that the data given in Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) in this respect is consistent with that found in the 300 concordance lines. This may be due to the fact that the 300 concordance lines may not contain an adequate number of proper + to + sth for data analysis. To investigate this grammar point further, a greater number of concordance lines are needed.

The total grammatical structures of proper from the four sources of data are demonstrated in the following table:

Table 29: Grammatical structures of proper from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Data Sources | Grammatical Structures |
| :---: | :---: |
| Longman Dictionary of Contemporary English (2014) | 1) linking v. + proper <br> 2) linking v. + proper + that <br> 2) linking $v .+$ proper $+($ for $s b)+$ to $+v . i n f$ <br> 4) linking v. + proper $+\mathbf{t o}+\boldsymbol{s t h}$ (formal) <br> 5) proper + noun |
| Longman Advanced American Dictionary (2013) | 1) linking v. + proper + to $+v . \inf$ <br> 2) noun + proper + to + sth (formal) <br> 3) proper + noun |
| Macmillan Collocations <br> Dictionary (2010) | 1) linking v. + proper <br> 2) linking v. + proper + to $+v . \inf$ <br> 3) $v .+$ obj. + proper + to + v.inf |
| The Corpus of Contemporary American English (COCA) | 1) as + proper <br> 2) linking v. + proper <br> 3) linking v. + proper + to $+v . \inf$ <br> 4) linking v. + proper + for $+\mathrm{sb} / \mathrm{sth}+$ to $+v . \inf$ <br> 5) noun + proper + to + sth <br> 6) proper + noun <br> 7) (Omission of linking v.) + proper |
| Shared Grammatical Structures | proper + noun, <br> linking v. + proper + to + v.inf |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, sth $=$ something, $\mathrm{v} . \mathrm{inf}=$ verb infinitive, s. $=$ subject, $\mathrm{v} .=$ verb, obj. $=$ object

As Table 29 clearly demonstrates, the Corpus of Contemporary American English (COCA) show 7 grammatical structures, followed by Longman Dictionary of Contemporary English (2014) (5 structures), Longman Advanced American Dictionary (2013) (3 structures), and Macmillan Collocations Dictionary (2010) (3 structures). These four sources of data share two common grammatical structures: proper + noun and linking v. + proper + to + v.inf. Although the 300 concordance lines from the Corpus of Contemporary American English (COCA) show more grammatical patterns than the other three sources, some grammatical structures found
in those sources are not shown in the 300 concordance lines. The structure linking $v$. + proper + that, for example, was found in Longman Dictionary of Contemporary English (2014) but not in the 300 concordance lines. Likewise, the structure $v .+o b j$. + proper + to + v.inf was found only in Macmillan Collocations Dictionary (2010), not in the 300 concordance lines.

### 4.4.2 Suitable

Grammatical structures, along with example sentences, of suitable from the three dictionaries are shown in Table 30.

Table 30: Grammatical structures of suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010)

| Data Sources | Grammatical Sturctures | Examples |
| :---: | :---: | :---: |
| Longman <br> Dictionary of Contemporary English (2014) | linking v. + suitable + for $\mathrm{sb} /$ sth | The house is not really suitable for a large family. |
|  | linking v. + suitable + to + v.inf | These crayons are not suitable to use in very hot weather. |
|  | suitable + noun | We are hoping to buy a suitable school. |
| Longman Advanced <br> American <br> Dictionary (2013) | linking v. + suitable $+ \text { for }+\mathrm{sb}$ | The show is not suitable for young children. |
|  | $\begin{aligned} & \text { linking v. + suitable } \\ & + \text { to }+ \text { sth } \end{aligned}$ | a school that is suitable to your child's needs. |
|  | suitable + noun | a suitable place to live |
|  | as + suitable | The books given to charities are sorted and classified as either suitable or unsuitable for sale. |
|  | linking v. + suitable | There are additional motels available if none of these appear suitable. |


| Macmillan Collocations Dictionary (2010) | linking v. + suitable $+ \text { for }+\mathrm{sb} / \mathrm{sth}$ | The route is generally suitable for all cyclists. <br> Her dainty shoes were hardly suitable for a boat trip. |
| :---: | :---: | :---: |
|  | $\begin{aligned} & \text { make + obj. + } \\ & \text { suitable } \end{aligned}$ | The hall has a sprung floor, making it suitable for recreational activities such as badminton. |
|  | v. to be + past participle + suitable | The movie was deemed suitable for children. |
|  | suitable + noun | We will interview all potentially suitable candidates. |
| Shared Grammatical Structure | $\begin{aligned} & \text { suitable + noun, } \\ & \text { linking v. + suitable + for }+ \text { sb } \end{aligned}$ |  |

* linking v. = linking verb, sb = somebody, sth = something, v.inf = verb in the infinitive form, obj. = object

Table 30 shows that Macmillan Collocations Dictionary (2010) provides twice as many grammatical patterns of suitable as Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013). To be specific, Macmillan Collocations Dictionary (2010) shows 6 grammatical structures, while Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) each show only 3 structures. It was found that suitable + noun and linking $v .+$ suitable + for $+s b$ are the only two common structures among these three data sources. Interestingly, the structure linking $v .+$ suitable + to $+s t h$ is found only in Longman Advanced American Dictionary (2013), while linking $v .+$ suitable + for + sth is found in both Longman Dictionary of Contemporary English (2014) and Macmillan Collocations Dictionary (2010).

In addition to the three dictionaries, corpus data analysis of 300 concordance lines shows grammatical structures of suitable, as illustrated in the following table:

Table 31: Grammatical structures of suitable from the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Rank | Grammatical Structures | Frequency <br> (Times) | Examples |
| :---: | :---: | :---: | :---: |
| 1 | suitable + noun | 140 | back to her lab, she struggled to find suitable burrows. |
| 2 | $\begin{aligned} & 2.1 \text { linking v. + suitable + } \\ & \text { for }+ \text { sth } \end{aligned}$ | 36 | and that our disaster programs are suitable for this kind of weather climate system |
|  | $\begin{aligned} & 2.2 \text { linking } v .+ \text { suitable } \\ & + \text { for }+s b \end{aligned}$ | 12 | that I could go to meet men that I felt were suitable for me |
|  | 2.3 the most suitable + for + sth | 1 | and choose the most suitable for our needs |
| 3 | $\begin{aligned} & 3.1 \text { noun + suitable + for } \\ & + \text { sth } \end{aligned}$ | 22 | find a living environment suitable for the sand and heat. |
|  | $\begin{aligned} & 3.2 \text { noun + suitable }+ \text { for } \\ & +\mathrm{sb} \end{aligned}$ | 5 | Some foods suitable for older children, such as plain peanuts |
| 4 | linking v. + suitable | 15 | Any patterning-by-adsorption method is suitable, provided that |
| 5 | ```noun + suitable + for + v. ing``` | 14 | and arranging myself in a position more suitable for listening |
| 6 | 6.1 v. + obj. + suitable | 8 | which makes them suitable for meteorological or oceanographic measuring systems |
|  | 6.2 v. to be + past participle + suitable | 6 | I was found suitable and granted a parole date. |
|  | $\begin{aligned} & 6.3 \text { obj. + s. +v. + } \\ & \text { suitable } \end{aligned}$ | 1 | the men whom her circle would consider "suitable." |
| 7 | linking $\mathrm{v} .+$ suitable + for $+v$. ing | 8 | technologies that are suitable for retrofitting existing plants |
| 8 | $\begin{aligned} & 8.1 \text { noun + suitable + to } \\ & + \text { sth } \end{aligned}$ | 7 | in a form far more suitable both to our finances and my constitution |


|  | 8.2 noun + suitable + to <br> + sb | 5 | and find activities suitable to <br> everyone. |
| :---: | :--- | :---: | :--- |
| 9 | linking v. + suitable + to <br> + v. inf | 6 | it is suitable to analyze the <br> issue by smaller geographic <br> sites. |
| 10 | as + suitable | 4 | I was surprised to see a white <br> outfit featured as suitable for a <br> wedding guest |
| 11 | (Omission of linking v.) <br> + suitable + for +sth | 3 | in any given incarnation, <br> suitable for the time and |
| 12 | noun + suitable + to + <br> v.inf | 2 | circumstances, one mask per <br> life. <br> inconclusive <br> suitable to inform educational <br> practice |
| 13 | as + being + suitable | 2 | the fact that the game is <br> advertised as being suitable <br> for 13-year-olds. |
| 14 | noun + past participle + <br> suitable | of material which contains <br> content not deemed |  |
| $\underline{\text { sonitable'? }}$ |  |  |  |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, $\mathrm{sth}=$ something, $\mathrm{v} . \inf =$ verb in the infinitive form, $\mathrm{s} .=$ subject, $\mathrm{v} .=\mathrm{verb}, \mathrm{obj} .=$ object

Table 31 shows 16 grammatical structures of suitable taken from the Corpus of Contemporary American English (COCA). The structure suitable + noun was found to occur with the highest frequency ( 140 times), followed by the structure with the second highest frequency linking $v .+$ suitable + for + sth/sb (48 times), and the structure with the third highest frequency noun + suitable + for + sth/sb $(27$ times). From the data, suitable was found to be commonly placed after nouns because such structures show high frequency in the 300 concordance lines. For example, the structure noun + suitable + for + sth occurs up to 22 times, and the structure noun + suitable + for $+v$. ing occurs 14 times. In addition, it was found that, unlike appropriate and proper, suitable does not usually occur with to-infinitive; the table
shows that the structure linking $v .+$ suitable + to $+v . \inf$ occurs only 6 times in the 300 concordance lines. As for preposition for and to, the data suggests that suitable for and suitable to are both used. However, it was found that suitable for occurs much more often that suitable to. The structures noun + suitable + for + sth and noun + suitable + to + sth are good examples of this. The data shows that noun + suitable + for + sth occurs 22 times, while noun + suitable + to + sth occurs only 7 times.

The total grammatical structures of proper from the four sources of data are demonstrated in the following table:

Table 32: Grammatical structures of suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the 300 concordance lines of the Corpus of Contemporary American English (COCA)

| Data Sources | Grammatical Structures |
| :--- | :--- |
| Longman Dictionary of | 1) linking v. + suitable + for sb/sth |
| Contemporary English | 2) linking v. + suitable + to + v.inf |
| (2014) | 3) suitable + noun |


|  | 4) 4.1) linking v. + suitable + for + sth <br> 4.2) linking v. + suitable + for +sb <br> 4.3) the most suitable + for + sth <br> 5) linking v. + suitable + for $+v$. ing <br> 6) linking v. + suitable + to + sth <br> 7) linking v. + suitable + that <br> 8) linking $v .+$ suitable + to $+v . \inf$ <br> 9) noun + past participle + suitable <br> 10) 10.1) noun + suitable + for $+s$ sth <br> 10.2) noun + suitable + for +sb <br> 11) noun + suitable + for $+v$. ing <br> 12) 12.1) noun + suitable + to + sth <br> 12.2) noun + suitable + to +sb <br> 13) noun + suitable + to $+v . \inf$ <br> 14) suitable + noun <br> 15) 15.1) v. + obj. + suitable <br> 15.2) v . to be + past participle + suitable <br> 15.3) obj. + s. + v. + suitable <br> 16) (Omission of linking v. $)+$ suitable + for + sth |
| :---: | :---: |
| Shared Grammatical Structures | suitable + noun, <br> linking v. + suitable + for +sb |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, $\mathrm{sth}=$ something, $\mathrm{v} . \inf =\mathrm{verb}$ in the infinitive form, $\mathrm{s} .=$ subject, $\mathrm{v} .=$ verb, obj. $=$ object

Table 32 demonstrates that the Corpus of Contemporary American English (COCA) show 16 structures, which are much more than those shown by Longman Dictionary of Contemporary English (2014) (3 structures), Longman Advanced American Dictionary (2013) (3 structures), and Macmillan Collocations Dictionary (2010) (6 structures). It was found that there are two common structures among these four data sources: suitable + noun and linking $v .+$ suitable + for $+s b$. In addition, all the structures shown in Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan

Collocations Dictionary (2010) were found in the 300 concordance lines from the Corpus of Contemporary American English (COCA). It is interesting to note that suitable + to $+s b /$ sth was found in only Longman Advanced American Dictionary (2013) and the 300 concordance lines from the Corpus of Contemporary American English (COCA). However, the 300 concordance lines also contain suitable for, but the previous table (Table 31) reveals that the frequency of suitable + for $+s b / s t h$ is higher than that of suitable + to + sb/sth. Suitable + for $+v$. ing is another interesting structure that should be noted. It is revealed that this structure is only shown in the 300 concordance lines from the Corpus of Contemporary American English (COCA), not in the three dictionaries. The frequency of this structure is not relatively low (18 times for noun + suitable + for + v.ing and 8 times for linking $v .+$ suitable + for $+v$. ing).

Table 33: Shared grammatical structures of appropriate, proper, and suitable from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the 300 concordance lines from the Corpus of Contemporary American English (COCA)

| Synonyms | Shared Grammatical Structures |
| :---: | :---: |
| appropriate and proper | 1) appropriate/proper + noun <br> 7) as + appropriate/proper <br> 5) linking v. + appropriate/proper <br> 2) linking v. + appropriate/proper $+($ for sb) + to $+\mathrm{v.inf}$ <br> 4) linking v. + appropriate/proper + to + sth <br> 3) linking v. + appropriate/proper + that <br> 6) noun + appropriate/proper + to + sth <br> 8) (Omission of linking v.) + appropriate/proper |
| appropriate and suitable | 1) appropriate/suitable + noun <br> 2) as + appropriate/suitable <br> 3) linking v. + appropriate/suitable <br> 4) linking v. + appropriate/suitable + for $\mathrm{sb} /$ sth |


|  | 5) linking v. + appropriate/suitable + for +v . ing <br> 6) linking v. + appropriate/suitable + that <br> 7) linking v. + appropriate/suitable + to + v.inf <br> 8) linking v. + appropriate/suitable + to + sth <br> 9) noun + appropriate/suitable + for + sth <br> 10) noun + appropriate/suitable + to + sth <br> 11) noun + past participle + appropriate/suitable <br> 12) obj. $+\mathrm{s}+\mathrm{v}+$ appropriate/suitable <br> 13) v. + obj. + appropriate/suitable <br> 14) (Omission of linking v.) + appropriate/suitable |
| :---: | :---: |
| proper and suitable | 1) as + proper/suitable <br> 2) linking v. + proper/suitable <br> 3) linking v. + proper/suitable + that <br> 4) linking v. + proper/suitable + to + sth (formal) <br> 5) linking v. + proper/suitable + to + v.inf <br> 6) noun + proper/suitable + to + sth (formal) <br> 7) proper/suitable + noun <br> 8) (Omission of linking v.) + proper/suitable |
| appropriate, proper, and suitable | 1) appropriate/proper/suitable + noun <br> 2) as + appropriate/proper/suitable <br> 3) linking v. + appropriate/proper/suitable <br> 4) linking v. + appropriate/proper/suitable + that <br> 5) linking v. + appropriate/proper/suitable + to +sth <br> 6) linking v. + appropriate/proper/suitable $+($ for sb) + to $+v . \inf$ <br> 7) noun + appropriate/proper/suitable + to + sth <br> 8) (Omission of linking v.) + appropriate/proper/suitable |

* linking $\mathrm{v} .=$ linking verb, $\mathrm{sb}=$ somebody, sth $=$ something, $\mathrm{v} . \inf =$ verb in the infinitive form, $\mathrm{s} .=$ subject, $\mathrm{v} .=\mathrm{verb}, \mathrm{obj} .=\mathrm{object}$, conj. $=$ conjunction

Table 33 gives information on the shared grammatical structures of appropriate, proper, and suitable from Longman Dictionary of Contemporary

English (2014), Longman Advanced American Dictionary (2013), Macmillan Collocations Dictionary (2010), and the 300 concordance lines from the Corpus of Contemporary American English (COCA). As can be seen from the table, most of the grammatical features of the three synonyms relate to verbs in the infinitive form, nouns, and prepositions.

It was found that the three synonyms share 8 common structures:

1) appropriate/proper/suitable + noun
2) as + appropriate/proper/suitable
3) linking v. + appropriate/proper/suitable
4) linking v. + appropriate/proper/suitable + that
5) linking v. + appropriate/proper/suitable + to + sth
6) linking v. + appropriate/proper/suitable $+($ for sb$)+$ to $+\mathrm{v} . \inf$
7) noun + appropriate/proper/suitable + to + sth
8) (Omission of linking v.) + appropriate/proper/suitable

It is clear that appropriate and suitable share the higher number of common grammatical patterns (14 structures) than appropriate and proper (8 structures), and proper and suitable (8 structures).

However, there are some other structures in which one word in the set of synonyms cannot replace the others. From the table, it is obvious that appropriate and suitable can occur in all the grammatical structures of proper, but proper cannot occur in all structures of appropriate and suitable. The structure linking v. + appropriate/suitable + for $s b / s t h$ is an example of this. While the data sources indicate that, for appropriate and suitable, the preposition for can be followed by either human or nonhuman entities, they do not show that proper can be used in this way; only proper + to + sth can be found. This shows that for $+s b$ may be uncommon with proper. Furthermore, the data suggests that appropriate and suitable can occur with the structure linking v. + adjective + for $+v$. ing, while proper cannot.

Between appropriate and suitable, these two synonyms share several common grammatical structures. Still, there are some structures in which these two words are not interchangeable. Take where/when + adjective for example. While the
data shows that appropriate can occur with this structure, no data in the four sources shows that where/when + suitable exist.

From the findings, based on this criterion, it is apparent that the Corpus of Contemporary American English (COCA) shows some grammatical structures which do not exist in Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), or Macmillan Collocations Dictionary (2010). The corpus provides more than twice as many grammatical patterns for appropriate and suitable as the three dictionaries do. Moreover, the corpus still shows more grammatical patterns for proper than the dictionaries, but with the lower number than it does for appropriate and suitable. However, in this study, one exception to this was found. For proper, there are two structures which are shown in Longman Dictionary of Contemporary English (2014) (linking v. + proper + that) and Macmillan Collocations Dictionary (2010) (v. + obj. + proper + to + v.inf), yet cannot be found in the 300 concordance lines.

## Discussion

According to Phoocharoensil (2010), grammatical patterns can identify how synonyms differ grammatically. Although two synonyms have a similar meaning, they do not share all the same grammatical patterns. The results of this study have been a strong support to this theoretical view.

The findings clearly demonstrate that, overall, appropriate, proper, and suitable do not share all the same grammatical structures. Appropriate and suitable share the higher number of common grammatical patterns (14 structures) than appropriate and proper (8 structures), and proper and suitable (8 structures). The finding seem to suggest that proper shows the fewest number of grammatical patterns, so the common patterns between this word and the others are lowest accordingly. Based on the findings, it can be concluded that proper is not an absolute synonym of appropriate and suitable.

Likewise, the findings reveal that appropriate and suitable do not constitute all the same grammatical patterns, and thus cannot be used interchangeably in all contexts. It is, therefore, reasonable to justify that appropriate, proper, and suitable are loose synonyms. The results of the study in this respect also lends
support to the studies by Chanchotphattha (2013), Sakulratanacharoen (2013), and Thamratana (2013), which reveal that words in a set of synonyms are commonly used in different grammatical structures.

With regard to the sources of data, the corpus provides many grammatical patterns for appropriate, proper, suitable which are not shown by the three dictionaries. The result of the study in this respect is in line with the study by Phoocharoensil (2010) and Chanchotphattha (2013) in that corpus data shows some information which is not existent in the dictionaries. However, for proper, there are two structures which are not shown in the Corpus of Contemporary American English (2010), but can be found in Longman Dictionary of Contemporary English (2014) (linking v. + proper + that $)$ and Macmillan Collocations Dictionary (2010) (v. + obj. + proper + to $+v$. inf). This may be explained by the fact that the 300 concordance lines are a smaller source of data than the dictionaries, which are based on a bigger corpus source. For this reason, the data from the 300 concordance lines may not represent all the grammatical structures of these synonyms.

## CHAPTER 5

## CONCLUSIONS AND RECOMMENDATIONS

This chapter presents the summaries of the study and is divided into four parts: (1) a summary of the study, (2) a summary of the findings, (3) conclusions, and (4) recommendations for further research.

### 5.1 SUMMARY OF THE STUDY

### 5.1.1 Objectives of the Study

The objectives of the study are 1) to examine the differences between appropriate, proper, and suitable in terms of meanings, degrees of formality, collocations and grammatical patterns, and 2) to compare and contrast the information given in the learner's dictionaries, i.e. Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010), and from the 300 concordance lines from the Corpus of Contemporary American English (COCA).

### 5.1.2 Target words, materials, and procedures

The target words of the study were appropriate, proper, and suitable. The data of the three synonyms was drawn from Longman Dictionary of Contemporary English (2014), Longman Advanced American Dictionary (2013), and Macmillan Collocations Dictionary (2010) with that from the 300 concordance lines from the Corpus of Contemporary American English (COCA). The program AntConc was used for analyzing the data from the 300 concordance lines.

The criteria for distinguishing these synonyms are meanings, degrees of formality, collocations, and grammatical patterns. All the significant data related to each synonym was listed and sorted. Longman Dictionary of Contemporary English (2014) and Longman Advanced American Dictionary (2013) were used to study meanings, degree of formality, collocations, and grammatical structures of the three synonyms, while Macmillan Collocations Dictionary (2010) was used to study
collocations and grammatical structures. The 300 concordance lines for each word were drawn from the Corpus of Contemporary American English (COCA). The corpus data yielded information about degree of formality, collocations, and grammatical structures. To analyze the data, the 300 concordance lines was input into AntConc to identify the frequency of words, grammatical patterns, and collocations of each word. To investigate the degree of formality, the contexts of the 300 concordance lines were manually analyzed.

### 5.2 SUMMARY OF THE FINDINGS

The three synonyms can be distinguished by the following criteria:

### 5.2.1 Meanings

As Aroonmanakun (2015) suggests, words in a set of synonyms have both overlapping and non-overlapping senses of meanings. It is found that appropriate, proper, and suitable share the same core meaning (being right or acceptable). Appropriate and suitable seem to share a similar meaning in that these two words means right or suitable for a particular time, situation, or purpose. However, there are still some differences. Suitable also means that something or someone is right for a person, while no information shows that appropriate is used with person. This implies that suitable, rather than appropriate, tend to be used with person. This is in line with what Bergdahl (2009) suggests in that some words may share the same core meaning but differ in terms of features they are used with.

In addition, the results suggest that suitable is right for a particular time, situation, purpose, or person because that thing has the right qualities. This shows that suitable may be more specific in meaning than appropriate. Among the three synonyms, proper covers a wider range of meanings than appropriate and suitable, and its senses of meanings seem to relate to rules, people's agreement, or social acceptance.

Overall, these three synonyms cannot be used interchangeably in all contexts. Therefore, they are loose synonyms because although the core meaning of
these synonyms overlaps, there are still contexts in which these words cannot be used interchangeably (Jackson \& Amvela, 2000, p. 94).

### 5.2.2 Degrees of formality

Formality degree is one of the criteria for distinguishing synonyms as one word in a set of synonyms can be used in formal contexts, while the others cannot (Jackson \& Amvela, 2000, p. 95).

Appropriate, proper, and suitable occur in both formal and informal contexts. However, it was found that appropriate, proper, and suitable are different in terms of degrees of formality. Appropriate seems to be the most formal word, as it tends to be used more often in formal contexts and less often in informal contexts than proper and suitable, while proper seems to be the least formal word, as it tends to be used less often in formal contexts and more often in informal contexts than appropriate and suitable. Appropriate, proper, and suitable, overall, differ in terms of degrees of formality. This is in line with what the previous studies by Phoocharoensil (2010) and by Thamratana (2013) discovered: words in a set of synonyms, although sharing the same core meaning, can be different in terms of formality - some of the words tend to be found in formal contexts, whereas the others tend to be found in informal contexts.

### 5.2.3 Collocations

Palmer (1997) stated that some words are restricted by their collocations and only co-occur with some words. The main collocates of appropriate, proper, and suitable are nouns and adverbs. It is found that appropriate, proper, and suitable tend to occur with different noun and adverb collocates.

For noun collocates, the three synonyms share only one noun collocate place. The Corpus of Contemporary American English (COCA) shows that proper has more common noun collocates than appropriate and suitable. In addition, appropriate seems to be closer to proper than to suitable because appropriate shares more common noun collocates with proper than it does with suitable.

For adverb collocates, almost all of the adverb collocates are adverbs of degree, or adverbs which show the intensity or degree of a verb, adjective, or another adverb. It was found that the three synonyms share three adverb collocates: entirely, perfectly, and very. Appropriate and suitable share a similar number of adverb collocates, while proper seems to pair with a smaller number of adverbs. Still, there are many other adverb collocates which are not shared by any pair of these synonyms.

Overall, it can be stated that appropriate, proper, and suitable tend to occur with different noun and adverb collocates. This is as what Phoocharoensil (2010), Chung (2011), Cai (2012), Chanchotphattha (2013), and Aroonmanakun (2015) found in their studies: words in a set of synonyms, although sharing the same core meaning, cannot be used interchangeably in all contexts because, mostly, they tend to co-occur with different words.

### 5.2.4 Grammatical structures

Phoocharoensil (2010) demonstrates that grammatical patterns can identify how synonyms differ grammatically. Although two synonyms have a similar meaning, they do not share all the same grammatical patterns.

Most of the grammatical features of the three synonyms relate to noun and verb in the infinitive form. Based on the data sources, it was found that appropriate shows the highest number of grammatical patterns, followed by suitable and proper. It is found that the three synonyms share 8 common structures:

1) appropriate/proper/suitable + noun
2) linking v. + appropriate/proper/suitable
3) noun + appropriate/proper/suitable + to + sth
4) linking v. + appropriate/proper/suitable + (for sb) + to $+\mathrm{v.inf}$
5) linking v. + appropriate/proper/suitable + that
6) linking v. + appropriate/proper/suitable + to + sth
7) as + appropriate/proper/suitable
8) (Omission of linking v.) + appropriate/proper/suitable

However, there are some other structures which the three synonyms do not share.

Appropriate and suitable share the higher number of common grammatical patterns than appropriate with proper and proper with suitable. In addition, appropriate and suitable can be used in all the grammatical structures of proper, but proper cannot be used in all structures of appropriate and suitable. For this reason, proper is a loose synonym of appropriate and suitable. Between appropriate and suitable, it was found that these two synonyms share several common grammatical structures. Still, there are some structures in which these two words are not interchangeable. Overall, it can be stated that appropriate, proper, and suitable cannot be used alternately in all forms, thus being only loose synonyms. The results of the study in this respect also lend support to the studies by Chanchotphattha (2013), Sakulratanacharoen (2013), and Thamratana (2013).

### 5.2.5 The comparison between the data from the dictionaries and that from the corpus

The data about these three synonyms from the dictionaries and that from the corpus were compared in three aspects: degree of formality, collocation, and grammatical structures. The studies by Phoocharoensil (2010) and by Thamratana (2013) reveal that corpus-based data provide additional information which is nonexistent in the dictionaries. The results of this study yield similar results. Overall, it was found that the corpus provides much information which cannot be found in the dictionaries. However, there are some adverb collocates and grammatical patterns which can be found in the dictionaries but are non-existent in the 300 concordance lines from the Corpus of Contemporary American English (COCA). This may be due to the fact that the 300 concordance lines are a smaller source of data than the dictionaries, which are made from a bigger corpus source.

### 5.3 PEDAGOGICAL IMPLICATIONS

In teaching English, vocabulary is one of the most important elements learners must be taught (Nation, 2001). However, teaching vocabulary is not an easy task because English vocabulary contains a large number of synonyms, or words that share similar meanings, and it is not easy for learners to know which word in a set of synonyms best fits in a particular context. For this reason, teaching leaners how to distinguish synonyms is a "required" task for all English teachers. In addition, some teacher may experience situations when students raise questions about synonyms and their differences. It is, therefore, worth studying how to distinguish synonyms systematically so that teachers find it useful to apply this knowledge to their classrooms.

The way synonyms can be distinguished relates to meanings (Bergdahl (2009), dialects, styles or degrees of formality, connotations (Jackson \& Amvela, 2000), and grammatical patterns (Phoocharoensil, 2010). This study investigate a set of three synonyms: appropriate, proper, and suitable; four criteria were used in this study: meanings, degree of formality, collocation, and grammatical structures. The results of the study suggest that these three synonyms are different in terms of the four criteria mentioned above.

As Moon (2010) demonstrates, corpora allow for the possibility to distinguish synonyms by examining features of words: genre, variety and frequency, phraseological structure, and collocation. Apart from providing lexical knowledge, this corpus-based study also contributes to pedagogical benefits. Thanks to a thorough investigation of synonyms, it is clear that appropriate, proper, and suitable are different in terms of meanings, degree of formality, collocation, and grammatical structures. These differences can be taught to students in the following ways:

The core meaning, i.e. right or correct for something, which the three synonyms share, should be presented to students first, and the specific meanings of the three words should be thoroughly taught. Contexts in which each sense of meanings is used should be presented. Among these three synonyms, proper should be highlighted most. The reason is that this synonym covers a wider range of
meanings than the other two, and its meaning is quite distinct - right or correct according to rules or social norms.

Awareness of degrees of formality should be raised when one word in this set of synonyms is used. Students should be taught that appropriate is the most formal word, followed by suitable and proper. In formal contexts, appropriate may be the best choice to be used. However, together with degree of formality, meanings of each word should be taken into consideration.

Collocations help students identify words which can co-occur with the three synonyms. Shared noun and adverb collocates between the three synonyms should be shown to students first. This should be followed by presenting other highfrequency collocates of each synonym, which are shown by corpus data. To help students learn collocation, teachers may present sample sentences which contain these synonyms with their significant collocates.

The eight shared grammatical structures of the three synonyms should be highlighted. That is, students should be taught that the three synonyms can be used in those eight shared structures. However, they should be taught to bear in mind that these words cannot constitute all the same grammatical patterns. High-frequency patterns of each synonym, which are shown by corpus data, should be highlighted and presented to students.

Apart from this, the study shows that a corpus is a useful source of knowledge. According to O'Keeffe and McCarthy (2010), corpora have now become the central source of knowledge, and this linguistic innovation has led to the development of corpus-based language teaching materials. The study has proved that what O'Keeffe and McCarthy (2010) state is completely true. From the study, it is clear that much of the information is taken from the corpus, and usually the corpus is found to provide more information than the dictionaries. For this reason, teachers may, rather than relying on dictionaries alone, consult corpora as another reliable source. Thornbury (2002) reveals that corpora show collocations and authentic examples of words in contexts. For teachers and learners of English, it is much easier for them to gain access to information about particular words. Before corpora were invented, intuition was the main thing they relied on. In Thornbury's view, it is recommended that teachers use corpora as a reliable source of reference in case
students ask some information about particular words. Teachers may, for example, show students how particular words collocate with others or in what contexts they commonly are used.

### 5.4 RECOMMANDATIONS FOR FUTHER RESEARCH

As discussed earlier, there are six criteria for distinguishing synonyms: meanings, dialects, degree of formality, collocation, connotation, and grammatical structures. However, due to time restraints, this corpus-based study investigates the three synonyms only in terms of meanings, degree of formality, collocation, and grammatical structures; the other two criteria proposed by (Jackson \& Amvela, 2000) are not included in this study (dialects and connotation). In order to fill in the research gap, it is recommended that further research on similar topics incorporate dialects and connotation as another two criteria. In addition, further research should investigate concordance lines from other corpora, especially those based on other dialects such as Canadian English or Australian English so that researchers may discover some grammatical patterns not registered in the Corpus of Contemporary American English (COCA) and be able to compare the data taken from those corpora with that taken from COCA.

### 5.5 CONCLUSION

This corpus-based study is an example of how synonyms can be distinguished with systematic corpus linguistics method. In this study, three synonyms: appropriate, proper, and suitable were investigated. The data was taken from the three dictionaries and the Corpus of Contemporary American English. The results of the study reveal that appropriate, proper, and suitable share the same core meaning, but differ in terms of detailed meanings, degrees of formality, collocations, and grammatical structures. The results of the study also show that, mostly, the corpus shows some information which cannot be found in the dictionaries.

This study offers not only the knowledge about these three synonyms but also valuable insight into the contribution of corpus linguistics to synonym study.

Researchers may apply the research method of this study to another set of synonyms they are interested in. In addition to lexical knowledge, the study also has pedagogical implications. The results imply that English language instructors may adopt the corpus-linguistic method of this study as a guideline to study synonyms systematically, and accordingly they may pass on knowledge of particular sets of synonyms studied to their students. In addition to that, English language instructors may use corpora as a reliable source of lexical knowledge, giving corpus-based answers to whatever questions students may raise during vocabulary lessons.

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## APPENDICES

## APPENDIX A 300 CONCORDANCE LINES OF APPROPRIATE

| 1 | the presidency, and for the American people. It just doesn't seem too appropriate right now. KING: Do you think he will get some testimony to the |
| :---: | :---: |
| $\underline{2}$ | If such impairment is suspected, the Code of Ethics mandates social workers to seek appropriate consultation, professional help, or both. \# In the future, it will |
| $\underline{3}$ | of such places. The " healing " process is organic and operates at an appropriate pace and scale for the town to maintain its ecoimmunity, its capacity to remain |
| $\underline{4}$ | these standards, " I stressed in the social studies methods course that students learn appropriate preparation for planning and teaching. \# The NCLB Act also addresses the issue of |
| $\underline{5}$ | doing? " Usually students reply to these unspecified and impersonal questions with predictable and appropriate responses, but do the students truly know or understand the meaning of such questions |
| $\underline{6}$ | if it refuses to rectify the offending practice promptly. Manufacturers have consistently taken the appropriate corrective action indicated in such letters, without the need for further action from the |
| 7 | hosho, etc.) and how they are played. \# -- Improvise in the appropriate style to the recorded example. \# -- Compose a musical piece based on the |
| 8 | down if patients are using their ICS. 1 \# INHALER TECHNIQUE \# The selection of an appropriate inhaler device is an important part of pharmacotherapy for asthma management. With all inhalers |
| $\underline{9}$ | to discuss your school or district's CCSS implementation process. \# * List the appropriate CCSS on your lesson and/or unit plans. \# * Align your course and/or lessons |
| 10 | of communication. Why wouldn't they think that a technological forum might be an appropriate place to cyberbully? It is, after all, more anonymous and insidious than |
| 11 | , and they are fully accredited. The key is providing a complete menu of appropriate educational opportunities, as is our intention. " Although Seton will be UTAustin's |
| 12 | through its ideology. Control of the political apparatus, rationally carried out according to appropriate procedures, legitimized the party. The state bureaucracy provided the administrative vehicle to operationalize |
| 13 | for the ceremony, with Iman trusting the stylist to make her look West Coast appropriate. " Rachel likes my kind of clothes 70s-inspired, California cool, and easy |
| 14 | R., \& Marchant, M. (2007). Behavioral intervention planning: Increasing appropriate behavior of a socially withdrawn student. Education and Treatment of Children, 30, |
| 15 | prices in the summer and winter differed only by an amount sufficient to cover the appropriate cost of the capital tied up in gas inventory between summer and winter. In |
| 16 | of Title 29 OSH Act to identify hazards which may result from such releases using appropriate hazard assessment techniques, to design and maintain a safe facility taking such steps as |
| 17 | contains examples of the VR industry's bold predictions. The following research questions seem appropriate if we are to monitor and understand the probable future proliferation of virtual worlds: |
| 18 | it. What do you think? POWELL: I don't think it's appropriate at this time. I've been in a draft army. I started out |
| 19 | has been declared the United Nations Decade for Human Rights Education, we believe it appropriate to address this apparent curricular imbalance. \# Certain questions can lead students toward a |
| $\underline{20}$ | ECC into IEPs also requires administrators and districts to become responsible and accountable for providing appropriate instruction and complying with state and federal laws. \# According to |


|  | IDEA, an |
| :---: | :---: |
| 21 | of children s choir conductors, one of the most creative and enjoyable is choosing appropriate repertoire for performing ensembles. Just as a composer must create musical ideas and then |
| 22 | , Peter Carr, said the department " will review the letter and respond as appropriate. " // Bush press secretary Dana Perino on Monday rejected any suggestion that Payne |
| 23 | It did give us a chance to really unload everything that happened in the appropriate environment, to the appropriate people. We could speak freely about all the national |
| 24 | Office for the Defense of Human Rights. \# C. The bill will establish the appropriate means to make effective the firm commitment the two parties made during the negotiations to |
| $\underline{25}$ | and boozer' were among other characterizations of Yeltsin (though these may not seem appropriate in the mouths supporters of a senator or so one might mention). \# |
| 26 | here. And for most women, that's probably what's going to be appropriate and what should be done, regardless of where you end up living. MAGNUS |
| 27 | speed, and there is a shortage of printed materials, especially materials that are appropriate for adults, that are available in braille. This Greek study found that the |
| 28 | run amok.' The issue here is not whether artists can create whatever seems appropriate to them, but whether or not they should be displayed in public venues. |
| $\underline{29}$ | freak of nature -- in which case moral revulsion and consistent policy response hardly seem appropriate or effective -- we need to identify its preconditions in ways that encourage its amelioration |
| 30 | isn't an organisation that stands alone, indeed it is a portal to accessing appropriate services and referral pathways to provide enhanced care for our patients. It is vital |
| 31 | proven strategies can be forged into targets, and the targets QOF have chosen are appropriate. \# Other preventive strategies are covered elsewhere in the QOF. Smoking, weight |
| 32 | \# Uselessly later, I learned that pregnancy tests are not reliable until the appropriate hormone reaches a certain concentration in the blood - roughly two weeks after the next |
| 33 | and practices: that the administrators of the outdoor education program support all staff through appropriate staff training and through the framework of a clear, programmatic **34;52261;TOOLONG system that facilitates |
| 34 | The stereotyped movements may represent a response to massive understimulation and limited alternatives for obtaining appropriate stimulation (Mason, 1991). Also consistent with this idea is the finding |
| 35 | 2000, 54-56; Zulficar n.d; Shukri, 1991). It is perhaps appropriate to observe that Egypt, with its larger Muslim population and leading political party was |
| 36 | blocking statutes as they apply to requests from foreign countries will have to await the appropriate case. 6 United States v. General Electric Co., 82 F. Supp. 753 ( |
| 37 | upon our return. Meanwhile, what is that line of his that is so appropriate? Ah, yes: " Parting is such sweet sorrow. " Author Affiliation |
| 38 | 7 -year-old with a remote who doesn't distinguish between cable and network, what's appropriate and what's not. \# " There's a lot of good TV out |
| $\underline{39}$ | hE S research to be conducted ethically: The blastocyst must be treated with respect appropriate to early human embryonic tissue. Women/couples donating blastocysts produced in the process of in |
| 40 | , in no way conducive to the upkeep of a decent credit rating or an appropriate state of personal hygiene. Or so at least it would appear if I interpret |
| 41 | of him to attach the giving of such an inappropriately intimate thing to the wholly appropriate and acceptable mourning cameo. How bloody diabolically clever. \# " I commissioned it |
| 42 | former teacher, to me, what you're doing is not only strong and appropriate, but like I said, kudos to you. PINSKY\# Let me ask this |
| $\underline{43}$ | the District Court should then evaluate the Board's decision to implement the SRP |


|  | under appropriate equal protection principles. FROM THE DISSENT By Justice Marshall \# The majority today suggests |
| :---: | :---: |
| 44 | goals of the process in sight, the attorney can guide a client on an appropriate path. \# SAMUEL BRAUNSTEIH Today's asset protection tools are merely hybrids of those |
| 45 | years, or more? Would a proactive approach for today's circumstances be more appropriate? Or at least a reactive response? \# UNNI M. CONLEY \# Westminster \# |
| 46 | value placed on the statement, " The counselor(s) educate(s) the principal as to the appropriate role of a school counselor based on the school counselor national model " (statement |
| 47 | thus the target URL will be different for different users. OpenURL linking solved the appropriate copy problem and was deemed a great breakthrough for library reference linking. Since its |
| 48 | available to you when they get out of the OR and they think it's appropriate QUESTION As an institution, this is an incredible thing for UCLA KARPE This is |
| 49 | One of the major challenges facing community colleges is implementing viable identification procedures and developing appropriate curriculum for this diverse student population. <br> Rodriquez (1993, p. 7) reported |
| 50 | is not in order -- hence, concepts such as " personal slight " become appropriate where reciprocal action is absent.) The problem with the property metaphor, then |
| 51 | Francke Verlag 1967). \# Eng translates this as follows: \# The most appropriate milieu for Montaigne's need for people is the aristocratic culture of society (" |
| 52 | \# Direction 3 \# Middle school educators can provide young adolescent learners with developmentally appropriate psychosocial educational experiences that may result in improved social relationships with peers and better understandings |
| 53 | music teacher. They write down all directives, make sure each student has all appropriate materials, relay information to and from the art teacher, and report to all |
| $\underline{54}$ | constraints in placement structure generation. \# The area estimation function described above determines an appropriate width and height for each macro cell in the hierarchy, based on the wire |
| 55 | Ask your child's doctor for advice about medicated shampoos; they may not be appropriate for infants.) Thrush What are those curdy spots in a baby's mouth |
| 56 | invited to participate in the interview themselves, or to delegate the responsibility to an appropriate executive staff member. The directors of nursing, social services, or admissions were |
| 57 | appeal. The plan took effect in October 1998, when City Council passed the appropriate ordinance. 55657 \# AUSTIN - George W. Bush spent the past six weeks focused on |
| 58 | forming often or occasionally involve: \# -- Referring students to other professionals, when appropriate, for additional assessment/appraisal -- 98\% \# -- Interpreting scores from tests/assessments and using the |
| $\underline{59}$ | viable farm, had some farming experience, could guarantee that they had access to appropriate machinery, and had concrete plans for financing the development of their farming operations ( |
| $\underline{60}$ | estate developers. The idea of market value compensation might be thought to be more appropriate. Market value compensation is problematic, as I noted earlier discussing Gretzky and efficient |
| 61 | ability continue to make progress. By some definitions, formative assessment would be more appropriate in this regard because it is more seamlessly integrated with the cycle of teaching and |
| 62 | is a citizens' board - makes the selection. I think that's very appropriate. It's a buffer against politics. And then, you can't replace |
| 63 | years old -- offers a joke. Burton asks first if the joke is " appropriate. " The kid says it is and tells it in the involved, wordy |
| 64 | $60 \%$ of corporations in America are paying no taxes at all. If you had appropriate reductions in corporate loopholes and appropriate enforcement, you'd have a fairer distribution, |


| 65 | they can to get information from whatever source they can. Now, it's appropriate for the International Atomic Energy Agency to be asking the same questions that you would |
| :---: | :---: |
| 66 | any thought-but he didn't feel good about saying Jeff Harris. Bremer seemed an appropriate name to use under these circumstances. He , or someone else using his name |
| 67 | Rather than following the advice of these people, he has adapted various practices considered appropriate by Western-educated Nigerians for the care of children, although he sometimes explained his behavior |
| $\underline{68}$ | , a brokerage account may make more sense. A managed account might be more appropriate for an investor who prefers to hand over the financial reins to someone else. |
| 69 | hanger or strong cord (optional). \# Shut off the power to the appropriate circuit at the servis panel. \# Remove the old unit. As you do |
| 70 |  |
| $\underline{71}$ | Rather, he said, the judge should have the authority to decide an appropriate sanction after hearing all the unique circumstances of the case. \# U.S. Rep. Corinne |
| 72 | all nine missions (if a rating of 3.00 , halfway between inappropriate and very appropriate, the point of indifference). 16 Only the Army and Marine assessment |
| 73 | for teacher induction program development need to be cognizant of the January milieu and implement appropriate action during that portion of the academic year. Although limited in scope, the |
| 74 | and the Gospel as Loisy understood both. In a post-Kuhnian context, it is appropriate to ra the question, " Does the organic metaphor underlying the expositions of development |
| 75 | Also, write to the World Bank, the Agency for International Development, the appropriate United Nations agencies, and other international development organizations. Demand that they ensure their |
| 76 | ever imagined. But just because it's difficult to tell the difference between an appropriate a a morally unacceptable lie does not mean we should give up the attempt to |
| 77 | to the individual and an affective experience manifested by happiness with important life domains is appropriate. This author further stated that individual perceptions of levels of satisfaction and happiness in |
| 78 | Prevention CDC, 2006). A critical part of protecting water quality is the appropriate collection, treatment, and disposal of domestic wastewater. Within the U. while |
| 79 | to our children about " good touch " and " bad touch ", about appropriate boundaries, about what kinds of invasions of personal space make us uncomfortable and therefore |
| 80 | a threaded elevation screw so you can dial your muzzle up or down for the appropriate distance. Buy a laser range finder that's accurate out to 800 yards. |
| $\underline{81}$ | their efforts sufficiently to fulfill this function as long as there is support from the appropriate government agencies (such as the Federal Trade Commission). Consumer understanding of and |
| 82 | air travel, cargo transportation, and cross-border financial transactions. International law is particularly appropriate for regulating such activities due to their quintessentially international character. No single country has |
| $\underline{83}$ | teacher education as it notes that teacher education candidates should " plan and implement developmentally appropriate learning experiences aligned with local, state and national standards to address the diverse needs |
| 84 | The code for tonsillectomy in patients aged 12 and older (42826) is appropriate regardle which method is used to perform the procedure. Even if it takes |
| 85 | age, and teachers, including physical education teachers, could be helped to prepare appropriate course material. (Council of Europe 1996). \# This kind of education |
| 86 | considerably higher stakes -- assessments of theatre knowledge and skills. Consequently, it seems appropriate to consider what it is that the assessment tasks are actually assessing, and also |
| 87 | is unknown to the large majority of researchers working in quantum physics. It seems appropriate, in this centennial of Einstein's miracle year, to put the achievement of |


| 88 | contains some sample elementary-and secondary-level activities for teaching about aging that are keyed to the appropriate twenty-five concepts of aging and ten thematic strands of social studies. \# Key words |
| :---: | :---: |
| $\underline{89}$ | space. DR-SALLY-RIDE\# We provide a Web site that allows them to do all the appropriate calculations, figure out exactly when the station is going to be going over that |
| $\underline{90}$ | will be highly dependent on the particular circumstances it faces. \# Third, the appropriate degree of delegated discretion will vary according to the endogenous and exogenous conditions that an |
| $\underline{91}$ | and textile products that are produced or manufactured in Pakistan as he determines to be appropriate in response to the threat to national security posed by international terrorism. " ( |
| 92 | is wrong for business. Initial of first name and last name is the most appropriate email address if you can. \# Once you have passed the general appearance phase |
| 93 | groups of consumers, by using transportation designated for disabled or senior services and providing appropriate mobility instruction to enable consumers to access such transportation, and by asking for volunteer |
| $\underline{94}$ | her muse as a " tell clock " (1.7). This imagery is appropriate in its interior, indoor nature. It is this symbolically indoor space, a |
| 95 | sources of congressional authority: \# If the Government has not the power, by appropriate legislation, to protect its citizens within as well as without its jurisdiction, I |
| $\underline{96}$ | group. There may also be pressure to act in a way that is considered appropriate to one's age, gender, or relationship status, or that is in |
| $\underline{97}$ | Once a plan to create the MNRC coalesced and funding was secured, finding an appropriate location for the MNFZC was a challenge. The coalition went through a threeyear process |
| $\underline{98}$ | reviewed the facts related to issues raised by Mr. Wilson, and determined that the appropriate corrective action had been taken or that no violations had taken place. " \# |
| $\underline{99}$ | has had an opportunity to put its findings out. I agree that that's appropriate. And as a consequence, when I spoke on Monday about some of the |
| $\underline{100}$ | like tax cuts, job creation and economic growth, and I think it's appropriate to show our support. " \# Some big donors have connections to Perdue's |
| $\underline{101}$ | use with graduate students who are working adults, it was decided to develop an appropriate instrument. \# The primary purpose of such a skills assessment inventory would be to |
| 102 | debris, they are less likely to be parasitized by wasps. Perhaps it is appropriate that stick insects, which as adults mimic sticks, start out by living the |
| 103 | the tough skin of the pomegranate (la granada), and somehow it seemed appropriate to see the fruit glitter like red jewels upon the chipped white plate. I |
| $\underline{104}$ | the sounds made by the animals. Are the musical instruments selected by the composer appropriate for the animals? Ask the children what instruments they would have chosen and why |
| $\underline{105}$ | If this model is correct, then at each trophic level, after an appropriate time lag, fluctuations in population should vary directly with fluctuations in available water caused |
| $\underline{106}$ | , there are a number of things that we're doing that it's not appropriate to discuss on the air. Suffice it to say that all of the potential |
| $\underline{107}$ | rare parent who openly discusses masturbation with their adolescent son and touts it as an appropriate and normal sexual outlet. For adolescent boys, partnered sexual experience may be seen |
| $\underline{108}$ | event. The program has been summarized as one in which the procession incorporates an appropriate legendary past, brought into the living present under the aegis of an emblematic image |
| $\underline{109}$ | a blind or visually impaired student's ability to become proficient in the use of appropriate assistive technology could have a positive effect on the development of the student's overall |
| $\underline{110}$ | rather than just another sad tale of tacos foregone? Why does it seem so appropriate that he marked his passage by visiting the shore? And why have so many |


| 111 | whatever you're doing. We have accomplished some things in Bosnia. It is appropriate for troops to stay and do more. It is very dangerous, as it |
| :---: | :---: |
| $\underline{112}$ | is amazing for me, really. But innately, I know when that's appropriate. TERRY-GROSS\# I want to play another moment that shows how you handled the interview |
| 113 | negative change in relationships, rather than on marital distress, seemed to be more appropriate for these parents. Change across Dimensions of the Marital Relationship \# The present study |
| $\underline{114}$ | you know, loose. And I had to wear, you know, the appropriate garb for that type of gig. But I also had a mother who was |
| $\underline{115}$ | a particular study. It may be best to learn the skills for determining the appropriate degree of detail to study a particular phenomenon, the closeness of discriminations necessary, |
| $\underline{116}$ | use of a token economy system where coveted " fun " activities were earned through appropriate academic performance and classroom behavior, working up to individual ability levels, and acting |
| $\underline{117}$ | will be true in $90 \%$ of the righthanded people to be observed. When asked appropriate questions, if the student is visual, he/she will look up to the right |
| 118 | specialize exclusively in the care of the foot and ankle. While your treatment sounds appropriate for your condition, it may take four to six weeks of nonsurgical treatment to |
| $\underline{119}$ | in becoming proactive included becoming knowledgeable regarding special education law and being persistent in requesting appropriate services for their children. Participants recommended that parents take the initiative in educating themselves |
| 120 | -- would not exist. The country needs external help. Such help must be appropriate, adequate, consistent, and designed to enhance the government's legitimacy. In |
| $\underline{121}$ | in the two conditions. HSE persons have an impressive capacity to invest themselves in appropriate goals and tend to be more optimistic about future performance after an initial failure. |
| $\underline{122}$ | and trends useful in the development of crashworthy wheelchair seating systems. The use of appropriate design criteria in the development of wheelchair seating systems is crucial to occupant crash protection |
| $\underline{123}$ | of current practices, future research should study the impact of training clinicians in the appropriate use of weighing. A second area of research involves the need for specific evidence |
| $\underline{124}$ | other times, he accepts the fact that we don't feel that it's appropriate for us to broadcast something. It has been a very positive experience thus far |
| $\underline{125}$ | and the complexity of language, and it required them to problem solve and discover appropriate meanings. \# Student Behavior and " Flowing " Interest-Driven Learning \# Gamification, or |
| $\underline{126}$ | that reflected the participant's need " to obtain approval by responding in a culturally appropriate and acceptable manner " (p. 135). Williams and Krane labeled coping styles |
| 127 | The noise outside was now much louder, and altogether more disorderly than seemed appropriate to people coming soberly home from church to their dinners. Geilie put aside the |
| $\underline{128}$ | of Treatment In the SORT session, we refer clients into treatment and to other appropriate resources. Following this session, adolescents and parents progress through the three stages of |
| 129 | economy. \# But a more satisfying way to dispose of clothes that are work appropriate is to donate them to one of the several organizations in the Chicago area that |
| 130 | knew how to do specific operations, but they did not know which operation was appropriate to the problem they were trying to solve. They also did not know when |
| 131 | many reward contingency systems are used to increase compliant behavior. No previous study used appropriate classroom behavior as the dependent variable although classroom management and student behavior is a major |
| 132 | , Set, whose story it was " (248). \# It is appropriate that, as at the beginning so at the resolution of Set's crucial journey |


| 133 | what about heavier men? TOMMY HILFIGER: Heavier men, I think stripes are appropriate for heavier men. I think a two-button is appropriate for a heavier man. |
| :---: | :---: |
| 134 | with the two Buffalo, New York, reporters, I felt that it was appropriate to respond by saying precisely what Mr. McVeigh told me about John Doe 2, |
| 135 | discuss with students the recommendations and plans for assisting them. 22 to participate in selecting and planning interventions (Weithorn, 1983 |
| 136 | layer increases in height and loses density because the foam cutters can not reach the appropriate depth. Aerators can be thrown out of balance if not properly submerged in the |
| 137 | strong federal government. \# Figure 2. Symbolic Elaboration \# Symbolic elaborations are an appropriate tool for teaching students a fact about a person, place, or event associated |
| 138 | knowledge and access to up to date and appropriate clinical resources, eg specialists, appropriate websites, evidence-based guidelines and ethical guidance; \# * use of the biopsychosocial model |
| 139 | their daughter, who was 7 during the hearing, and to provide her with appropriate services. The district should compensate for those errors by paying for private tuition and |
| 14 | student budgets $100 \%$ more time than deemed necessary to complete a task, designing an appropriate schedule that allows sufficient time for studying, reducing over-commitments that impede progress on academic |
| 14 | win against Miami. \# " There is an old Native saying that may be appropriate:' The honor of one is the honor of all,' " says |
| 142 | to examine both what has been exported and what remains unknown abroad. It is appropriate to analyze the modular nature of American culture, to see how it is taken |
| 143 | might be an impropriety or there might be a bias, then it would be appropriate for it to be referred out to another judge. Now that doesn't mean |
| 144 | Especially during times of natural disaster and other emergencies, I believe the secretary and appropriate staff must be given access to every tool necessary to respond to urgent needs. |
| 145 | ) was used to examine the task organizations teachers used as the independent variable with appropriate and inappropriate trials per minute as the dependent variables. A significant MANOVA was followed |
| 146 | have some kind of citizenship education. Democratic citizenship education appears to be the most appropriate term with which to identify education for effective participation in a democratic society. Democratic |
| 147 | a perfectly appropriate and health diet if you eat meat, fish and poultry in appropriate amounts. You don't need an 8-ounce piece of meat at every meal |
| 148 | a positive effect on a novice teacher's transition from student to professional. <br> \# Appropriate management of teacher stress has two major benefits: It reduces the physiological effects of |
| 149 | risks inherent in the use of email. Employers have to discuss what they deem appropriate and inappropriate uses of the e-mail and internet system. The most important issue is |
| $\underline{150}$ | it has demonstrated that the issue of Caribbean immigration is current, problem-oriented, and appropriate at any grade level and that textbooks are inadequate in this area. The vital |
| $\underline{151}$ | did this to you. " \# Molloy told his secretary to make out the appropriate travel forms and book a next-day flight to Houston with a car rental at the |
| $\underline{152}$ | still are just so used to driving their way that they don't make the appropriate adjustments. This is what causes so many problems out here. Everyone wants to |
| 153 | chosen each day to come to the board and dress the bear in the clothes appropriate for that day's weather (see Figure 3). The icons of the |
| $\underline{154}$ | the general refused to say what ordnance was deployed. Asked whether artillery would be appropriate in such a situation, the general said " the question is whether or not |
| $\underline{155}$ | by a new generation of earthquake enthusiasts have some questioning whether the celebratory mood is appropriate for an earthquake anniversary. \# Instead of the 1,000 or so diehards who usually |
| $\underline{156}$ | 18th green -- you can do it, but I don't think it's appropriate. " (Snowboarding is forbidden at Mad River, and Pratt loves to tell |
| $\underline{157}$ | ... (Applause-and-cheer) RIVERA: All right. Hold it. I think it's only appropriate. Will Larry's |


|  | lovely assistant please come on out? Mr. GATLIN: Will |
| :---: | :---: |
| 158 | wish to appear in the news, please send a brief typed article to the appropriate News Editor. Techniques Division News should be sent to Marion Smith, FPSA, |
| 159 | interests at hand and determine whether JFF is appropriate. If a JFF process is appropriate, the next four steps are to scope the JFF process; define the precise |
| $\underline{160}$ | centralized assessment and referral services that accelerate treatment entry and ensure that participants entered the appropriate treatment have been part of a comprehensive system intervention. This centralized intake unit ( |
| $\underline{161}$ | right to be present, and it considers whether the route chosen by Congress was appropriate and adequate to safeguard national security information. \# Part II explores whether procedures like |
| $\underline{162}$ | marriage, and I think many of the people would say why it's perfectly appropriate to ask George Allen about the state of his soul, would then turn around |
| $\underline{163}$ | such as desecration of the host), the priest does and should take the appropriate measures. This may or may not have happened at this parish. But for |
| 164 | the NER design. Verification adds expense and is relatively difficult to interpret unless an appropriate control group is available. Inherent shortcomings of verification are also present -- not contacting |
| $\underline{165}$ | NBC sports guru, the genius, announced that if Marv gets help and shows appropriate remorsefulness that he will be possibly rehired by NBC? Ms-PEYSER: Well, it |
| $\underline{166}$ | global warming be distributed justly among nations? How should we determine each nation's appropriate reductions in greenhouse gas emissions? Should requited cutbacks be equal or proportionate? An |
| $\underline{167}$ | signal must come from the leaves, because if you provide plant A with the appropriate flowertriggering day length, then cut off a leaf and graft it onto plant B-which |
| $\underline{168}$ | in the face to Saudi notions that a ballot based on universal suffrage is not appropriate for the Arabian Peninsula. " 16 The April 1993 parliamentary elections brought the conservative |
| $\underline{169}$ | stated: " No health care provider may be penalized for discussing medically necessary or appropriate care with or on behalf of his or her patient. " The wording was |
| $\underline{170}$ | aspects of reading comprehension in fifth-grade students. This age group appeared to be an appropriate starting point for a number of reasons, including the ability to follow relatively advanced |
| $\underline{171}$ | advising, which should have followed up on the academic progress of students and taken appropriate preventive decisions. In addition, the lack of reliable and updated databases made it |
| $\underline{172}$ | and easier to use. Additional research concerning user preference will be necessary to make appropriate recommendations concerning computer-based on-screen keyboard access systems. \# Future research on the effectiveness of |
| $\underline{173}$ | speaker of the House to defend the institution and defend what he thinks should be appropriate and not appropriate. Look, it is all about politics in the end and |
| $\underline{174}$ | guide the preservice teachers to reflect on (a) whether the learning experiences were appropriate for the children, (b) how the children responded to their lessons, |
| $\underline{175}$ | the music \# PLAYING INSTRUMENTS PREFORMATTED TABLE \# Achievement Standard: \# Students produce an appropriate sound on a variety of classroom instruments (e.g., recorder-type, Autoharp-type, mallet |
| $\underline{176}$ | an approach in the next decade, while the research community develops and refines approaches appropriate for the intersection with intervention. \# Footnotes 1 Although the cognitive eye movement renaissance |
| 177 | we should prepare to contest our decisions with administrators whose science-based model is not an appropriate means of evaluation. Released from the obligation to deliver research results in the form |
| $\underline{178}$ | proper diagnosis of the real position of the enterprise, external advisors may recommend the appropriate MIS and provide technical assistance. Many state and privatized enterprises are still ill-equipped with |

17
audits may reflect impediments to curriculum and instruction productivity if poor management of resources prevents appropriate priority allocations. Examples noted in some curriculum audits are chronic over-expenditures of particular budget
quantify the extent to which corporations use environmentalist language to gain public acceptance without undertaking appropriate environmental reform. Such research can aid consumer health educators in monitoring and promoting corporate
181 support the team and applaud their victories, " he says. " Boosterism is appropriate, but it should not supersede business. This is not fun and games;
182 being interrupted. If he takes issue with what I say, certainly at an appropriate time, I think that's -- SEN-DAVID-BOREN-C: Let me suggest this, and
183 know, there is public policy issues. Is it right? Is it the appropriate answer for a firm to be totally impacted from that perspective when maybe if,
184 , and child density ( $\mathrm{R}=.83$ ). It is recommended that an appropriate IAQ standard for daycare facilities be established and that children should not be placed in
. " Cardinal Law's reply: " The matter... is being investigated and appropriate pastoral decisions will be made both for the priest and God's people. "
186 . " If there is not evidence, then a retraction and apology would be appropriate. " Feith has publicly denied that in searching for links between al Qaeda and
187 hazel! \# A few other herbs are approved as drugs and are subject to appropriate standards of quality. The bottom line? Just because an herb hasn't made
188 dribbling and shooting were later done with grades 2-5, even though these were not appropriate activities for young children. \# Factors Inhibiting Wash-out \# Several factors in the workplace
, that's appropriate. Citizen boycotts are appropriate. Government stepping in, not appropriate. JONATHAN-KARL\# (Off-camera) But you know, George Soros is the dominant owner of Dinosaur
190 form of stucco, so many that " living room " no longer seemed an appropriate name, that books were the native life form here, and the man,
191 taking the initiative by offering films and seminars on sexual harassment and issuing guidelines for appropriate on-the-job behavior between men and women. Although such measures can prevent blatant harassment,
After assessing their responses, one error was modified, but all others were
deemed appropriate. The first error in Set 2, labeled Error 1-2, was changed from
193 , for age 13 and older, get assistance in determining fitness levels and establishing appropriate exercise training program and receive baseline information to chart progress. By appointment, Fridays
and ethical challenge. The consequences of inaction seem obvious to me they are both fully appropriate and unattractive, compared to the alternative of improving the culture at the large financial no longer relying on analytic principles to connect their understanding of clinical situations to the appropriate action. \# I am an adult trained nurse with no recognised academic paediatric training act (other than doubting) and where the idiom of punishment may therefore seem appropriate, must be seen within the frame of the many other moments where the infliction
(e.g., from a large youth cohort to a large working-age cohort) through appropriate economic and social policies, the availability of a greater pool of workers can generate
198
seem to be energetic at the beginning and tired at the end, which is appropriate. Beyond that, as is true of many aspects of such presentations, their
instruction that are a foundation for successful EBP implementation include maximizing academic engagement, using appropriate pacing, preteaching key vocabulary, previewing instruction, reviewing previous instruction, monitoring student
200 of the students. Obviously, the teacher will want to offer rewards that are appropriate, attractive, and motivational to a particular group of students. \# It is
$\underline{201}$ students to overcome obstacles and successfully navigate the complex postsecondary institution. Students with the appropriate cultural knowledge, perhaps obtained from more

|  | highly educated parents or academic preparation, are |
| :---: | :---: |
| $\underline{202}$ | unintelligible) Kristoff. Everyone joins together to make sure that the look is the appropriate look. ROOK: So it's maybe not... Yeah, I see what |
| 203 | information processing are relatively straightforward, at least on paper: Prepare qubits in an appropriate initial state, let them evolve under the influence of one- and two-qubit gate operations |
| $\underline{204}$ | mercury atoms in a gas mixture. Ultraviolet light emitted by the mercury excites an appropriate phosphor in the immediate proximity of the subpixel. The uv emission is blocked from |
| $\underline{205}$ | Differential Attention (DA), evaluated parents' skills at attending to and praising appropriate child behavior and ignoring mildly inappropriate responses. The consultant asked parents to occupy themselves |
| $\underline{206}$ | The pillows should be high-quality inserts-feather or down work best-to maintain their shape and provide appropriate support. Augment this fresh, casual look with a smaller pillow in a complementary |
| $\underline{207}$ | the gun season, two during the bow season and another with blackpowder at the appropriate time. Hunters will want to carefully read the regulations to learn where and when |
| 208 | sets, it is also true that the learning task and challenge must be developmentally appropriate (Wormeli, 2014), within what Vygotsky has named the zone of proximal |
| $\underline{209}$ | met for all alternatives and for all countries any more than debt-for-nature swaps would be appropriate in and acceptable to all countries. For most countries, however, one or |
| $\underline{210}$ | In addition, he believes a Catholic blessing ceremony for committed same-sex relationships can be appropriate. " But, " he adds, " I wouldn't want to call |
| $\underline{211}$ | along that, you know, you're ethnically right for, you're age appropriate and all that. MARTIN: And I want to mention that they're all |
| $\underline{212}$ | inter-individual variation explained by an ability to recognize task demands and ability to select an appropriate strategy. Other models look at the biological substrates that best describes attention processes when |
| $\underline{213}$ | thing is to be present and listen to the person and the Holy Spirit. Appropriate comments include an acknowledgment of the difficulty the person is facing and encouraging words about |
| $\underline{214}$ | enable effective intervention development and delivery. With recent research acknowledging both the need for appropriate intervention rationales and the consideration of alternative measures of performance, there remains a lack |
| $\underline{215}$ | that aim to maintain and develop competence and improve performance. 7 \# Nurses must always have appropriate indemnity cover in place as a condition of continued registration. \# Leadership is considered |
| $\underline{216}$ | such that communication fails with respect to the substance of their theories and the standards appropriate for their appraisal. 14 The data to support a theory, he considered, along |
| $\underline{217}$ | also suggest that teachers who are constantly and consistently adjusting tasks are keeping them more appropriate and that teachers who maintain longer tasks are less likely to promote practice opportunities. |
| $\underline{218}$ | can work for you, creating a perception of " cold " and may be appropriate for frost, ice patterns, irridescent subjects, etc., but don't use |
| $\underline{219}$ | in tones ranging from murderous to playful. \# " Dialogue comes out either at appropriate or inappropriate times and is seized upon by the public, " says the University |
| $\underline{220}$ | are heavily dependent upon a country's economy. It is likely, and even appropriate, that a country with few economic resources will provide little in the way of |
| $\underline{221}$ | When, O Lord,' " they ask " -Father gives their voices the appropriate agonizing tone- "' will there be peace in the Middle East?' The |
| $\underline{222}$ | at his or her immediate disposal to ensure that the at-risk individual has access to appropriate help. A local hospital or mental health facility may be an excellent reference for |
| $\underline{223}$ | focus on changing the culture of what is seen as valued, possible, and appropriate in these communities, which in turn will modify the opportunity systems for children and |

indentured servants, and they often ran afoul of Puritan sumptuary laws, which mandated appropriate dress and language, and prohibited public drinking. Because few of the workers were
proliferation of malls in Egypt since the early 1990s. The new business elite demanded appropriate services and sites for leisure and consumption; malls, hotels, clubs, and
hip or knee replacements. For each hospital, Medicare determined what it thought the appropriate number of readmissions should be based on the mix of patients and how the hospital
227 be made available online after a prepublication period of two to three years. What is the appropriate scale for an LTAR site? Historically, most agricultural and ecological experimentation has been
228 The author instructions for many of these journals, in fact, discourage authors from appropriate citation of supporting references. The Journal of Physical Education, Recreation and Dance (
229 who were included so that the children with disruptive behavior could practice their skills with appropriate peer models. Peer Coping Skills yielded positive effects in terms of improved social skills
230 we are to direct coaches to attend to the key factors of performance before making appropriate intervention. The definition of " key factors " was not considered ambiguous, therefore
231 broader understanding of the student's disability, is able to plan and implement developmentally appropriate activities, and the student with the disability experiences some success. 2. The
232 and Scientist, of Great City Founder and National Planner inevitably fades before the more appropriate title of Great Killer. Alexander's decade-long swath to the Indus resulted in death
233 Scott gave you the breast reconstruction information pamphlet/ reconstruction consultation with Dr Zhong/Dr Hofer was appropriate for you? \# When would you suggest is the best time during your care
234 CREAM CHEESE HAMANTASCHEN DOUGH \# (Makes about 16) \# Less traditional but certainly appropriate, this all-purpose pastry dough yields a very delicate and flaky pastry. The dough
235 same way as disagreeable insect incursions can be put to an end by using the appropriate poison. \# 14 Birth of the First Child (2001) Siziwe Sotewu 78cm
whole state together is beyond doubt.... If only all nations would send
the appropriate representative here for this task, then many things would be resolved and protests from
, 140 respondents ( $87 \%$ ) disagreed with the statement that EE concepts were not appropriate for their grade level, and 115 ( $71 \%$ ) disagreed that their not being developments to unfold until the appropriate point. We're a lot closer to the appropriate point today because of the announcements that have been made. Bosnia Arms Embargo \#
XRD requires only a very small sample (approximately 1.0 mm ) or, with the appropriate equipment, the analysis can be performed in situ on the object's surface.
pick and choose different activities from within a list of mental training tools and skills appropriate for each phase that were individualized to address skiers' needs as determined by the
241 line is crossing the line that most countries on our planet have said is never appropriate to cross. " \# If germline editing is never going to be allowed, the appropriate signatures were in place. If it all looked correct, the World Bank had
243 gardeners state that they garden as part of their everyday routine, to grow culturally appropriate food, to save money on their food expenses, to connect with their neighbors
tempo, " and technical accuracy is defined as " the ability to perform with appropriate timbre, intonation, and diction and to play or sing the correct pitches and
245 n't be hard to see. Just look at the Japanese trade agreement as the appropriate (language) for
civil rights language. \# Q: Implicit in all this
246 do three things: they can descend to a Lower altitude. They can alert appropriate officials, and they can also open a lockbox which contains a firearm. And
247 fact that we had a relapsed kid come in that, if we had the appropriate medicine for her, I could treat her. So makes you feel kind of instructed to read the questions and respond to the items in writing by circling the appropriate number; in addition, they were instructed not to talk or laugh during the
249 meaningful cooperation even under the existing framework. 63 The challenge will be to strike the appropriate balance between safeguarding business concerns for confidentiality sufficiently so that business cooperation with antitrust investigations
250 an Indian gathering -- I once rashly suggested that we give whatever gifts we considered appropriate. I'm no longer a part of that family.) \# As if
251 to have a long session tonight to try to prepare for the summit at the appropriate date in Vancouver. I will spend -- I expect to spend a good deal
252 improperly aligned ridges. As H. S. McConnie observed, in a government booklet describing appropriate cultivation techniques, " During this period a considerable amount of top soil will be
253 the Cardinals' season has played out, I couldn't think of a more appropriate and dramatic way to make a last stand: with the shiniest pitching gem of
254 interventions. One could argue, of course, that this brevity is deliberate and appropriate to the quickening pace of activity that precedes the Burgundians' assault on the city
255 . These potential concerns include the admissibility of evidence, coerced testimony, and the appropriate standard for conviction. Finally, nothing in this part of the Article should be ways of life: \# Our recommendations emphasize the importance of protecting children through culturally appropriate services, by attending to maternal and child health, by providing appropriate early childhood
257 of obtaining teacher attention for disruptive behavior exceeded the probability of obtaining teacher attention for appropriate behavior. Based on a hypothesis of attention as the maintaining variable for disruption,
knowledge about which specific acts or behaviors constitute environmentally friendly behaviors and when it is appropriate to perform them. The relevance of knowledge about specific action strategies used as a
259 was no way that non-Indians could have amassed human remains or religious objects in any appropriate manner. \# Some Indians were even ambivalent about -- if not hostile to -was done so that all students, regardless of reading rate, would read the appropriate amount of text to respond to the SVT statements. Normative oral reading rates from
261 at one time) is critical. Animal studies suggest that for humans, the appropriate dosage for appetite suppression and weight loss should be between three and six grams,
262 background for the identification decision and can help in making program decisions that are most appropriate for gifted learners (Alexander \&; Muia, 1982; Clark, 1988).
263 parte or necessarily outside the presence of the accused. (n240) This distinction is appropriate when one considers the differing goals of each respective rule. Under the MRE, knee angle-feedback system, incorporating potentiometer and microswitch sensors in the lever arms, ensured appropriate range of KE motion. In addition, threshold current and stimulation output current ramp
retire strategically. Optimally, a well designed study should not only use an appropriate statistical technique but use all Justices, rather than reducing the sample size by excluding
pedophiles operating in Internet chat rooms. This part of our conversation may not be appropriate for young children. So, Barry Crimmins, let me just ask you a
267 is much too low. I will write a draft for what I believe is appropriate. " " As you wish... " She began gathering the paintings, stacking
268 Figure 5: Event-free survival by results of ER assays in subgroup of patients given appropriate systemic therapy and radiotherapy according to randomisation. Numbers given below curves are those remaining
experience. A one-way ANOVA was conducted on these variables along with Scheffe tests where appropriate. The demographic item of gender was excluded because females constituted such an overwhelming percentage
majority is endorsing a minority religion by making accommodations for minority practitioners) is an appropriate balance to the political power of majority religions. 32 It remains to be seen whether
271 said. Until then, she said, " we're still figuring out the appropriate lines. "
272 Vice President, Prudential Health Care: I don't think managed care is the appropriate person to blame for the changes that are happening in America's health care system
273 have seen the magic show before, and they likely don't think it's appropriate in a matter of war and peace. Even worse, the involvement of old
274 are brief and portray various perspectives. (For an annotated bibliography of poetry resources appropriate for teaching about diverse families from different cultures to elementary and middle school social studies
of the patio area. Three or four complete passes should be enough. Cut appropriate notches in a new screed board-to fit over the guide boards-and pull it over the
276 products if the producer can demonstrate that the animals were raised without antibiotics or an appropriate withdrawal period was adhered to from the time the antibiotics were administered to slaughter.
(Off-camera) Why did you lie? ERIKA-FRIMAN\# I just felt like it wasn't the appropriate time to tell him that. You know, I don't want to push
278 , although exercise intensity was established with the heart rate reserve (HRR) and appropriate corrections, the use of HR can lead to errors in estimating exercise intensity.
279 bank believes that giving customers information about overdraft protection " will help them make the appropriate decisions. " \# Only $18 \%$ of bank customers paid overdraft fees in 2009, introduced to aid in the identification of student learning objectives and in the development of appropriate assessment tools. \# Education reformers place emphasis on accountability, often in the form
281 Guide suggested that social workers include specific questions related to MST on assessments to ensure appropriate identification and treatment (Street \&; Stafford, 2004). When providing services to
282 you loved him. Sec RUSK Well, it was a moment when that was appropriate for me to do PHILLIPS voice-over Unbending as ever, Rusk offers no apologies for
283 in terms of their readiness and literacy experiences and use this understanding to provide an appropriate literacy environment in the classroom. Some of the suggested activities can involve the entire
284 transition classes is one to be resolved. However, if classes are truly developmentally appropriate, what is the need for these programs? \# Special education. The issue
285 pursuit of such noble goals, my dear sir, wouldn't it be more appropriate to negotiate with the donors themselves? Here I am, sir. Will you
286 students with a full range of abilities and disabilities in the general education classroom with appropriate in-class support " (Schroth, Moorman, \&; Fullwood, 1997, p. 67
287 Listener PREFORMATTED TABLE TABLE 2 Problem Solving Using Organization in a table and Recognition of Appropriate Mathematical Operations PREFORMATTED TABLE TABLE 3 Evaluation Form for Problem Solving in Pairs PREFORMATTED TABLE
288 Associated Press. " Competition in athletics, " he said, " is not appropriate at this time. " \# The SEC acknowledged the somber mood cast by the
289 yet, and I think you need to be able to do that in an appropriate way under the right circumstances. CONAN: Now I understand these are special circumstances
290 advanced, may not express this in conventional ways. It is important to identify appropriate terminology for individuals. For example, do they describe aching or discomfort? It
learn to regulate his own behavior? Will Michael be able to differentiate between socially appropriate and inappropriate behaviors? \# Phase 2: Collecting Relevant Data \#

## Insightful sources of

292 by the elderly who live in the rural regions represent a major barrier to the appropriate delivery of the vaccine. The expanding use of home care visits in these regions
And that made sense. Suddenly the emotion of the amputation was dissolved into the appropriate context for me, and I could move forward because I wanted to LIVE more
ASD. Video modeling can be valuable tool for teaching, modifying behavior and modeling appropriate behavior. Nikopoulos and Keenan (2003) define video-modeling as targeted individual imitate the
295 a shell or alone as a jacket on warmer days, and it's always appropriate at aprs. \$175 \# 6 SMARTWOOL PHD SMARTLOFT DIVIDE HOODY SPORT JACKET \# A
their thinking and learning. In addition, it allows the teacher to identify
the appropriate amount of time that should be dedicated to student game play. Teacherdetermined segments of
297 's an imminent threat? Is that where it goes? And is that an appropriate use of it? MRREED\# I don't think it goes there if we prevent
298 * Create a class " genre study plan. " \# * Develop and teach appropriate minilessons and reinforce your teaching during conferences and share sessions. \# * Share your own
symptoms - the patient. Performance criteria 5 and 6 are concerned with conducting an appropriate examination, and performance criterion 7 deals with putting all this information together to form
1-6. \# National Association of Sport and Physical Education. (2001). Appropriate practices for middle school physical education. Reston, VA: National Association for Sport

# APPENDIX B 300 CONCORDANCE LINES OF PROPER 

| 1 | we're going to have a crash landing. Don't sit back. The proper position is to cross your hands on the seat in front of you, put |
| :---: | :---: |
| $\underline{2}$ | some cause. \# Association -- Abstract to Concrete. Chicago " Chicago " -- Proper Noun \# The appearance of this logo is spare, almost geometrical, but once |
| $\underline{3}$ | to the traffic that Emma didn't understand but en joyed. Unruffled, and proper in his tan uniform and stiff-brimmed hat, the driver pulled to the curb. |
| 4 | dozens of immigration agents accompanied by Mr. Salem raided the hotel, arresting workers without proper papers. Mr. Singh said he told the supervisory agent, Perry Kao, that |
| 5 | was " justified in principle " the Court held that it had to differentiate between proper and improper proselytism. This it did by saying that " a distinction has to |
| 6 | body fluid spills. These universal precautions include the use of disposable latex/vinyl gloves, proper waste management, disinfecting contaminated areas and handwashing. \# Another abetting federal agency instrumental |
| 7 | Telescope's mirrors have a defect which might have been detected ten years ago with proper testing, leaving the current management to defend it. RICHARD TRULY / NASA ADMINISTRATOR |
| 8 | . \# Louis and others likely to teach marriage education classes argue that it's proper for government to nudge couples into instruction that could improve their lives and benefit potential |
| $\underline{9}$ | might be shoe shredder, hole digger, or couch chewer. But with the proper training, a family dog's job can include positive activities, such as taking |
| 10 | than it is today. The trained social worker we have here would have done proper home studies, would insure that the families that wanted to adopt children would have |
| 11 | the exciting and exotic American something of a role model-to the perhaps everlasting ruin of proper attire for proper young men. (Their habits had already included brawling and drunkenness |
| $\underline{12}$ | is secured on firmer foundations than ever before, and is formally accepted as a proper part of agreed international arrangements. " (Quoted in Joseph Gold, International Capital |
| 13 | kidnapped, was because he wasn't - didn't have, you know, proper fixer and transportation, and they were stopping in an internet cafe in Syria. |
| 14 | ), and many more were decommissioned when their wounds failed to heal in the proper way. Similarly, every double lacks a right kneecap, a left heel, |
| 15 | concerned with putting warning labels that warn of potential injuries that could occur from the proper use of the products, but also from the misuse of their products. And |
| 16 | reviving job creation. While the Census data won't settle the debate over the proper size of government, it did provide some evidence that federal safety-net and social-insurance programs |
| 17 | I want to turn it under. Nature's plants are much less predictable. Proper preparation of the beds would have helped but it wouldn't have been the whole |
| $\underline{18}$ | larger-than- life as the singer' s persona, and the rest of her third proper studio album only goes further to show that she has crafted a pop image as |
| $\underline{19}$ | I didn't love Sam, or because I thought the circus wasn't a proper place to raise up a child. I'd been in the circus a long |
| $\underline{20}$ | conference - not the regional conference Israel and Baker are talking about - as the proper framework for settling Arab-Israeli disputes. \# And Palestinian leaders said their talks Tuesday with |
| $\underline{21}$ | HEALTH CARE POWER OF ATTORNEY DRAFT A LIVING WILL \& HEALTH CARE PROXY EXECUTE THE PROPER PAPERWORK \# 1 CREATE A HEALTH CARE POWER OF ATTORNEY \# If something were to |
| 22 | First I had to pull it out of my shirt, then focus on the proper side (not easy, I couldn't even focus on my hand), |


| 23 | need to install or branch off an existing gas line. * DESIGN When determining proper size and placement, think about the overall landscape design, whether you'd like |
| :---: | :---: |
| $\underline{24}$ | the participating states were committed by their CSCE membership. Thus, while it was proper within this framework to challenge violations of specific CSCE provisions relating to human rights committed |
| 25 | not have sufficient time to catch their breath, get their bearings and find the proper balance for the human element in this brave new world of sound. In the |
| 26 | an inquiry can change the whole pedagogy: Using scientific inquiry without first teaching the proper scientific method may generate a complete misunderstanding of how science works. Asking questions, |
| $\underline{27}$ | surrounding woodland and view of Mt. Rainier, inspired. He felt that was proper. Institutions of higher learning should humble those who enter them, encourage them to |
| $\underline{28}$ | their coach emphasized sportsmanship. Also, many student-athletes received advice or counseling relative to proper nutrition 98 (37\%); sleep/rest 119 (44\%); physical training 150 |
| $\underline{29}$ | put Hitler into contact with those very things that his identity as "clean and proper, " as beyond politics, requires him to be distanced from or ignorant of |
| 30 | that in some countries, conditions are such that we can't expect the proper amount of vitamin C to be made available to everyone. But ultimately, it |
| 31 | document the murder, so it is allowed after all, but only with the proper permits from the appropriate ministries. I felt guilty for even asking. Yet commemoration |
| 32 | question dividing the two groups seemed to be a simple one: What is the proper role of the social scientist in relation to his or her knowledge of society? |
| 33 | only in their offices instead of at home. Doctors could talk about benefits of proper nutrition, exercise, and taking prescribed drugs just as well or better than a |
| 34 | the women's studies and literature-suspect me of being a conservative and not having a proper inclusion of feminist content in my courses. The anti-PC control my department and suspect |
| 35 | at a table, drinking tea. She looked like she hadn't eaten a proper meal, slept, or showered since the plague had hit. " Beck, |
| 36 | be the host of such parties, citing his aristocratic pedigree as proof of his proper social status. The pamphlet concludes: If you would be interested in my suggestions |
| 37 | had pledged to their new leader to use force in the event of " a proper emergency. " The emergency was soon at hand. FIRST IN THE FIGHT \# |
| 38 | give George a proper funeral. " \#" And you did give George a proper funeral, " Bennis said. There was nothing wrong with anything you said |
| 39 | for small employers and do not have access to good occupational health advice, so proper risk assessments are not undertaken. \# " The missed opportunity is that this is |
| 40 | , " says Gillen. " That sameness is indicative of proper management, of proper land use. " \# The 3- to 6 -acre fenced-off plots -- " exclosures, |
| 41 | ? The qualities of the new leader must be carefully delineated to ensure that the proper match is made. \# To that end, Tom Bellamy, education dean at |
| 42 | smiled. I like using change-that's what it's for, that's its proper function. Get rid of the clutter and jingling in the pockets, clean out |
| 43 | , we would caution that complex problems demand complex solutions -- and a lack of proper training for our teachers is a complex problem indeed. \# All children should be |
| 44 | the nearsighted boy who got the two confused. \# Securing permission to visit the proper structure during school hours required a student to raise his (or occasionally her) |
| 45 | don't really know what to expect. Dr-D-EAPPEN: You ask me about the proper punishment for Louise, and I really -- I really don't know. I |
| 46 | You can assist the classroom teacher in the referral of troublesome students to the proper guidance and administrative services, or, in many cases, make the referral yourself |
| 47 | alcove in the hallway, and place on top of the blankets, in their proper order, every pillow; we must balance the pillows on top of the blankets |
| 48 | Some time ago, Ceeee ya' was the accepted goodbye. Lately, the proper sign-off is Five |


|  | thousand, G.' The G stands for guy or girl. |
| :---: | :---: |
| $\underline{49}$ | . " Anything that can prevent a disease can be labeled prevention. Eating a proper diet, getting adequate exercise, avoiding being overweight, not smoking, drinking in |
| 50 | on his global life support system. Day after day, we depend on the proper functioning of natural cycles such as the hydrologic, carbon, and nitrogen cycles, |
| 51 | the chord and should be placed inside the sound of the root and fifth for proper balance. 18 \# Our singing adventures need not be limited to the rehearsal. Why |
| 52 | with the face open. The typical result is a block slice. To feel proper body action, set up to a teed ball holding a 5 -iron. Turn your |
| $\underline{53}$ | nonsense. " Instead of quietly forwarding the Anonymous identities he said he possessed to proper authorities, Barr announced to the world that he would release the names with great |
| 54 | might be. What he needs is a step back toward dignity, toward his proper place in golf, so that, if he must put the green jacket on |
| $\underline{55}$ | adequacy of reduction (Mashru, Herman, \&; Pizzutillo, 1996). With proper treatment, however, most children with distal tibia and fibula fractures do well. |
| 56 | subjective, and the intuitive. Each side on its own is inadequate. A proper human being needs to balance both, and so God says, " You see |
| 5 | Sir John not to invite the fellow, will you? " I gave a proper little bow. " Very good, sir. " " Shall I write out |
| 58 | hand and rotating the face to square with your right hand. That's the proper hand action you need to deliver a solid blow. Why the arm swing works |
| 59 | of individual rooms and their contents (Beecher 308-84). Three chapters concerned the proper care and treatment of clothing and fabrics, and four additional chapters addressed the proper |
| $\underline{60}$ | 'd put all the money I'd made into an account set aside for a proper house with a white picket fence. \# 126 EXT. HORIZON SAVINGS \&; LOAN |
| 61 | the country. In most cases, shortcuts result in more hassle than if a proper impact statement had been done in the first place. \# In 1993 at Yellowstone |
| 62 | : American blacks are held up for ridicule with the suggestion that they form the proper subject for a student of " primitive cultures. " The prestige frat, whose |
| 63 | suggesting their mutual dependence, but also attempts to " keep people in their (proper) places. <br> " The different social segments come together genially to exaggerate their affection |
| $\underline{64}$ | be resolved peacefully through the continued use and support of the inspections regime. Including proper and appropriate support by U.S. intelligence. You know, probably you're aware, |
| $\underline{65}$ | , as of 1991, if the state of Sao Paulo had been granted the proper number of federal deputies, based on its true proportion of the electorate in 1989 |
| 66 | one set of each exercise because the focus of the plyometric training program was on proper technique performance. Subjects performed 12 to 14 exercises each session. A summary of |
| 67 | into laughter, or fallen into idle chatter has his arrival restored me to a proper gravity! Besides, if there is something that needs saying, it comes better |
| 68 | (Shepherd, 2001). Such techniques include manual patient lifting, training in proper use of lilting equipment/devices, and the use of unit-based peer leaders. Engineering Controls |
| $\underline{69}$ | progression, motivation and justification. There are many circumstances in which it is the proper and most emotionally authentic course of action. // I have found that there are |
| $\underline{70}$ | in a quandary about what's the purpose of our existence? What is our proper relationship to God? What is the measurement of success in life as measured by |
| 71 | the arrow keys on your keyboard to nudge the circle until it's in the proper position. Step 3: Open the Select menu, choose Feather, and type |
| 72 | : It's the First Amendment. But they have to present it in the proper way. Woman 4: I have two children. I don't let them |
| 73 | . \# Likewise, false models of progress have led to endangering the earth's proper ecological balance. Man - made in the image and likeness of the Creator - |
| 74 | a residue of her privileged Alabama upbringing, where everything and everybody belonged to |


|  | a proper place and needed to stay there. \# She slowed at the next corner and |
| :---: | :---: |
| 75 | prominently in teaching, a method he believed would be better suited to evoking the proper ideas signified by the words. (n54) Although no comparable statement of Edwards' |
| 76 | properly, but several adjustments regarding holding and item information were required. To ensure proper mapping of data from TLC, the testers reviewed the sublibrary, collection code, |
| 77 | ) and the target image appear perfectly sharp -- reticle sharpness is the result of proper eyepiece focusing, whereas target sharpness is the result of proper objective-lens focusing. An |
| 78 | using a sufficient amount of certain chemicals used to protect pipe interiors, not using proper monitoring equipment to determine if those chemicals were working, and not examining its monitoring |
| $\underline{79}$ | about it, say the top etiquette experts, a strapless gown is not considered proper attire for a religious ceremony. The most formal wedding gowns -- those worn by |
| $\underline{80}$ | in the chair and rearranged the pleats of her dress until they lay in the proper pattern. Then she smiled at me. Behind her, moving silently, was |
| 81 | the other hand, it appears to me that the people are being put in proper retention at this point in time. The fact that they were so manicled and |
| $\underline{82}$ | a free enterprise system and democracy, so they can see that this is the proper direction in which to move. " In the meantime, however, " We |
| $\underline{83}$ | and are inclined to help him, many analysts question whether U.S. food is the proper form of aid, wondering whether it could be effectively distributed. Some high-ranking administration |
| $\underline{84}$ | inscribe them into electronic models. In the hopes of teaching damaged neurons to make proper replacements. Forging new pathways. Re-remembering. " Do you understand? " Alma |
| 85 | identifier, the current combat medic is very capable of getting that soldier to a proper combat support hospital alive. As far as the condition of the patients when they |
| $\underline{86}$ | didn't wear britches or shorts, though the day was warming, but a proper blue dress and hose. She kept her skirt pushed over her knees as we |
| 87 | drunks who forget the next morning, he would always remember, and that Southern proper upbringing would come back, and he would feel terrible remorse and would inevitably send |
| $\underline{88}$ | , Clark said his claims of physical disabilities would be made without having laid a proper legal foundation. \# Ito ruled that Simpson could show jurors the injuries but would |
| $\underline{89}$ | our forebears would agree, bugging is not a trick shot. Nor is the proper tackle overmatched by thick weeds or gusting wind. There's nothing dainty about it |
| $\underline{90}$ | the tantric sex workshop next door. Which is why another workshop deals with the proper way to navigate a " threesome, foursome, or moresome. " // Which is |
| $\underline{91}$ | human behavior because it is the foundation of conscious and unconscious beliefs... about' proper' ways to live. " This was Confirmed by an AoA-funded study comparing American |
| $\underline{92}$ | a promotion and relocation to another, more valuable province. With careful planning, proper tributes, and a warlike strategy, you can achieve the ultimate goal: being |
| $\underline{93}$ | , Vt., which ran the program in which Klotz participated, say they followed proper protocols. But in the rapidly expanding world of study abroad, the case highlights |
| $\underline{94}$ | The crowd of archetypes stood silent but made no move to withdraw to their proper place. Bandar wanted to be away from them as swiftly as he could. |
| $\underline{95}$ | east, and west), each with a scheduled collection day. To insure proper and efficient service, the Jersey City Incinerator Authority requires all recyclable materials to be |
| $\underline{96}$ | to reach down, open... In one day, I learned things like the proper way to open a door. Mr-WILLIAM-ALTHOFF: Hi. Hi. Hi. So |
| $\underline{97}$ | sense to face and solve the vicissitudes of daily life and to counteract the intemperance proper to their practice, they also force their practitioners to face with humility the challenge |
| $\underline{98}$ | cost many times over what the vendor invoice could have and should have been with proper data management. " \# Jack Newton, co-founder and CEO of Themis Solutions Inc. |


| 99 | (Follow label advice.) AYURVEDA IN INDIA's 5,000-year-old holistic healing system, proper eating habits are considered the core of good health. Dr. Rama Kant Mishra, |
| :---: | :---: |
| $\underline{100}$ | . Mr. DONALDSON: Well, someone wrote- I wish I could remember to give proper credit, but someone wrote a great line, which is that Clinton- the only |
| 101 | 1996), (Gore and Stubbe, 1994) and tolerances are mandatory under proper system design schemes, our system has none of these and the exorbitant delay in |
| $\underline{102}$ | 1 light-year of its core. The VLBA has tracked the Doppler shifts and the proper motions of water masers within the disk and this has enabled astronomers to very precisely |
| 103 | with the CEC's governing body and we have decided that this is not the proper way to engage in dialogue. The CEC is on record as saying that disputes |
| $\underline{104}$ | JOHN-WESLEY-HARDIN: Throw it down for Eugene Mirman. Everyone, it's tea time, proper steeping time is three minutes. We'll be back in just one, with |
| $\underline{105}$ | sorts of theoretical considerations I have sketched is to direct attention to questions about the proper ends that liberal regimes may pursue, the legitimate means that liberal regimes can employ |
| 106 | the United States need to be called to war, these opponents argued, the proper way to do so is by calling out the militia. The Conscription Act ignored |
| 10 | LOUGANIS: No. His concern was that I was- I was being given the proper care and treatment, and so his concern was with me. He reassured me |
| 108 | and move out. Turkish officials said the Syrian refugees - many of whom have proper papers and are living legally in sanctuary cities such as Antakya - are not being |
| 10 | color is perceived only in its relation to other colors around it. With the proper background, a green can appear brown, or a blue red. According to |
| $\underline{110}$ | and the maintenance of the precious household (ie). (n1) The proper role of women, which has been defined from the Meiji period by the slogan |
| 11 | actions that may seem obvious but which the government has too long neglected.' Proper funding and staffing to safeguard park waters and develop an adequate scientific data base are |
| 112 | . \# " Oh, kittenish! " Lydia laughed again. " Like a proper lady's sneeze? With a wee mew in punctuation? You are easily pleased |
| $\underline{113}$ | introspective techniques that used to be our favorite source of evidence. \# When a proper name like this appears in a syntactic context where a determiner would not ordinarily follow |
| $\underline{114}$ | S\&L business was deregulating them without proper capital requirements, proper oversight and regulation, proper training of the executives. Many people predicted what happened, and it was a |
| $\underline{115}$ | time, Israeli and Palestinian officials toured the Israeli water processing facilities to ensure their proper operation. The Palestinians were given documentation to allow them to use the facilities the |
| $\underline{116}$ | to buy the eye right out of my head, but it didn't seem proper to give away such a fine gift. And it gave me a great story |
| $\underline{117}$ | partake in a wrestling competition at the very beginning of the festival to determine their proper place in this lineup. Ugep, August 23, 2001. This overture towards |
| $\underline{118}$ | are in the church apotles teachers prophets and more, each undertaking his or her proper role. But whatever the individual Christian's distinctive role, all Christians have in |
| $\underline{119}$ | Obviously the drift anglers are neither fishing the right depths nor are they using the proper retrieve speeds or angles to attract larger female walleyes. They are also forced to |
| $\underline{120}$ | did not discuss the Eiffel Tower. RYAN I suggest that it would be more proper to say, " What did you discuss? " 83. CONTINUED: ( |
| 121 | first step in curriculum-making is to formulate a statement of the activities which constitute a proper quality of human living. " He then added, " These are the processes |
| 122 | law will put to death any man or woman who assumes conjugal position without the proper physical, mental, and financial qualifications. " Author john Haberton, 1893. |
| $\underline{123}$ | it's very lively, it's very -- " Unable to think of the proper word, Ann blushed, stopped. \# In addition, Ann likes the Swiss |


| 124 | : far from n'dau, our right place-n'dau, where the Sun hung at the proper angle in the sky and our shadows were their correct shape and height. At |
| :---: | :---: |
| $\underline{125}$ | required to undergo a semester of political re-education in which they will be taught the proper platitudes and pieties about race and (depending on the teacher) what a wicked |
| 126 | both men's gazes, Eloisa knew there was only one real choice. The proper, correct thing to do would be to stay with Quentin. She'd known |
| $\underline{127}$ | security hacks, like Billy, who was caught by accident, couldn't afford proper representation, and was sent down the line to pad some junior prosecutor's resum |
| 128 | (and therefore disease) development. I have personally trained several physicians on the proper diagnoses of fungal conditions. Certainly one of the most important things a physician can |
| 129 | body and mind; etc. Again we have to return to Senghor for a proper characterization of this contract. He writes: \# The life-surge of the African, |
| $\underline{130}$ | Gonzales said she did initiate legal action last year against the board for not following proper procedures, but withdrew the lawsuit when it proved too expensive to pursue. \# |
| 131 | three times). The mother splits kola and divines with it to determine the proper course of action over the next few months. She may also take a piece |
| 132 | involvement, homes and infrastructure, and good childcare. A welfare system would provide proper financial protection against the risk of unemployment, disability and sickness. For the growing |
| 133 | such as these that generations, cultures, values, and traditions collide. With proper understanding and attention, diversity in nursing homes throughout the nation will be recognized, |
| 134 | here, your body will naturally unwind and your arms will swing down on the proper inside-out path. \# Think of getting your back to face the target at the |
| $\underline{135}$ | ), then it's wise to seek shade -- or to protect yourself with proper clothing or a good sunscreen lotion. \# Conversely, when shadows are longer than |
| 136 | House, " he added. " I really think to do preservation in the proper way -- government doesn't have the money for that. I like the situation |
| 137 | are many other issues and philosophies. Hickman said it is important to maintain a proper perspective regarding high school sports, that too many people think the purpose is to |
| $\underline{138}$ | Tony is not squeaky clean, and his gangster persona can never be legitimated under proper middle-class values. Even his legitimate operations are tainted by his criminal background and considered |
| $\underline{139}$ | quarter of a million gun dealers, some of them infrequent sales, not keeping proper records, giving us real concern when we're trying to trace weapons, and |
| $\underline{140}$ | and put it on the top of his head without pushing it down for the proper fit. " They can't get their helmet to go all the way down |
| 141 | curse under his breath and Fitz chuckled. Nick knew Fitz would always use the proper title, no matter how many times he told the Irishman not to. \# |
| 142 | independence and yet have a prosperous America, you should allow offshore drilling with the proper precautions, naturally, making sure it doesn't damage the environment. And where |
| 143 | said dozens of times: The reason there are no " official " comments on proper dress made from the altar or featured in the church bulletin is that it is |
| 144 | , I'm just as happy with the other. Both blur the line between proper upscale dining and casual, boisterous gastropub. At Broadway, chef Amar Santana serves |
| 145 | equivalent of heat. \# Tyndall had already expounded theories about materialism as the only proper method for the natural sciences and natural philosophy at two previous BAAS meetings, in |
| 146 | n't necessary to lie down on the floor. If I put myself in the proper trance, I was able to do it standing up, to float a good |
| 147 | bamboo. From \$35; (877) 639-6287. Everything in its place Without proper organization, even the most spacious craft room can become difficult to navigate, potentially |
| $\underline{148}$ | would say, " has receptive points on the skin. If you massage the proper point, you stimulate |


|  | the activity of the ailing organ. " \# I fear |
| :---: | :---: |
| 149 | pressed in, feeling sweat sting his palm. This, too, felt like proper punishment. The white frost or mold made his nose itch and pour snot like |
| 150 | the alligator is not. Dr. Seski has maintained through his attorney that he had proper documentation for hunting and killing the lion last month in Zimbabwe, though Zimbabwe officials |
| 151 | Using a pair of dummy steel cartridges (on one the rim was the proper size; on the other it was too thick), we made sure the |
| 152 | the scar on my arm, I use it as an opportunity to advocate for proper sun protection. JENNIFER BALL NICHOLASVILLE, KY. MY SON INSISTS I WEAR SUNSCREEN |
| 153 | policy paradigm, but also the reigning hegemonic frame shaping Canadian public opinion on the proper role and goals of government. \# In fact, public opinion polls taken over |
| 154 | , she acts free and relaxed. With Edgar, she acts more prim and proper. \# N1: One afternoon, Catherine prepares to see Edgar. \# HEATHCLIFF |
| 155 | The first step in mat cutting is drawing an outline of the window in its proper position on the rear of the mat board. All cutting is done on the |
| 156 | by calling for " a renewed Enlightenment " based " on the proposition that the proper study of mankind is man, and woman, " and depending on both the |
| 157 | water wouldn't make the fish a fish again. \# Debridement is necessary for proper healing. It makes a clear, clean space for the body to mend, |
| $\underline{158}$ | to their potential beneficial effects on ECT, such as providing feedback and reinforcing the proper distinction between environmental facts and opinions. \# We conducted a study to explore factors |
| 159 | proses away at the Queen in that strange language of theirs that almost sounds like proper English but isn't quite. Not even the Queen speaks Scots. The translator |
| $\underline{160}$ | " 125 In McCulloch v. Maryland, the Supreme Court reasoned that the Necessary and Proper Clause provided Congress the power to charter a bank even though the Constitution did not |
| 161 | 7 a.m. to 2 p.m. Saturday. No credit cards. Personal checks with proper identification. Handicapped access. No smoking restrictions. 377-0799. \# Blackeyed Peas, |
| 162 | to man is characterized by nothing so much as by the decrease in frequency of proper occasions for fear. In civilized life, in particular, it has at last |
| 163 | alien to missionaries and New Deal agencies, who tried to transform Hispanic women into proper housewives or servants, the positions in which the dominant society envisioned them. It |
| 164 | broader plan. I don't think lifting the arms embargo by itself is the proper course of action. I think it has to be part of a broader effort |
| $\underline{165}$ | going to the Land of the Dead we might get the feeling that a " proper " Coyote would have been able to contain his impulses, but the story is |
| $\underline{166}$ | child relies on the parent to supply the muscle power and doesn't develop the proper basic movements or balancing ability. When these children are old enough for ski school |
| 167 | " I'll be late. " \# She took a moment to put a proper face back on. Behind me as I left, I heard her speak to |
| $\underline{168}$ | began to repack his faded, old canvas tote bag -- each item in its proper place. " I wish you'd never come, see? " \# The |
| $\underline{169}$ | charged.... Then we learned from curators in Australia that it wouldn't be proper to exhibit it a death-point stick, so we replaced it with a so-called " |
| $\underline{170}$ | (Copeland, 2010). It relied on the Environmental Protection Agency to expand proper enforcement and set as objectives complete " restoration and maintenance of the chemical, physical |
| 171 | companions. They are seers, four-legged demigods, revealers of ancient wisdom. Our proper role is to feed them and kowtow to them, to bask in their superior |
| 172 | of modern life. The collision at that intersection rerouted his conception of the terrain proper to modern painting; in the territory of landscape, problems of the personal could |
| $\underline{173}$ | right-to-die issue is the least comprehensible. \# Provision should be made, under |

the proper safeguards, for a person to end their life if so desired. The only
\# 2. Midlantic and Lease Rejection \# Having determined that the lease rejections were proper under the business judgment test, the Circle K court turned to consider the petitioners
" Switching his attack to a perceived lack of consensus among educators as to proper directions and an established body of knowledge, Koerner added that educators are free to
calls " a velvet-glove Inquisition that insists on what can or can not be a proper conversation on Islam and the modern world. " \# The work. So far
" I'm using 60 or 70 percent of my effort just to maintain the proper reality contact with the world. " \# Dubbing himself a " flaming schizophrenic,
178 proponents may imagine that the " invisible hand " of the free market might ensure proper generation and use of environmental credits without effective government oversight. \# The free market
179 for 30 minutes at least four times a week 6 Consult your physician to determine proper levels for cholesterol (HDL and LDL), blood pressure, fasting glucose,
180 then taking off and playing a million notes anyway. But to do it the proper way, or the way that I perceive is the proper way, that's
181 didn't want to die doing it. So we all went back to our proper places, then Paul counted off " Bye Bye Love, " and despite the
182 \# In addition to the need for greater capacity, plant management was concerned about proper control of trihalomethane (THM) formation. THMs include chloroform and related organic compounds
183 not present, their female managers were; senior women took their responsibilities of maintaining proper mourning decorum seriously. Female participants' manifested convictions and behavior were hardly different from
184 The close relationship between soteriology and doxology, between salvation and praise, confirms the proper connection between oikonomia and theologia, essence and energies, which are inseparable in theology.
185 actually got excited about ideas. They argued with one another about whether it was proper for an Eskimo child to be required to kill a bird; they took home
186 larger role. But in January of an election year, a political junkie's proper place is shivering at the candidates' side. TIME's chief of correspondents John
187 picture and get trampled; they climb a mountain in dicey weather, without the proper gear, and freeze to death. They drown in the surf on their holiday
188 a lower court that had voided the law. At issue was whether Republicans gave proper notice of this state Senate committee meeting in early march as they pushed the bill
189 to keep everybody else you're dealing with on defense -- or defense, the proper pronunciation, unless you're talking about football -- because it's just -- it
190 This Is Spinal Tap. \# " The hands of time finally aligned in the proper way, " says Shearer, who had to drop out of Guffman because of
191 in response to improved fitness), (3) to instruct each client on proper exercise techniques, including strength training, (4) to monitor their client's
192 were more accurate than older adults at sorting the younger and middle-aged faces into their proper age ranges but were equivalent to the older adults with the older faces. Current
193 Being and Time (1927), served only to prepare the way for the proper posing of that question. By concentrating on being, Heidegger placed himself in the
, Block says it will provide free support, ranging from assistance in collecting
the proper documents to having a Block-enrolled agent represent you before the I.R.S. This free service is
195 the trust placed in them by those who make their data available, by providing proper attribution or coauthorship and accepting reasonable constraints on data use. Formal ethical guidelines (
196 astute conclusion. Children's language may be unorthodox when they don't know the proper words, or don't quite grasp a subject. Speaking of Ray, Lori

| 197 | of Rice University. " " There was a conscious attempt to make them as proper legal trials as possible rather than political trials. " \# Some critics pick at |
| :---: | :---: |
| 198 | was in those gardens that the strangers first acquired empirical knowledge about farming (the proper planting season, for example). 58 Some of the most successful sugar cane |
| 199 | sweep your leg. fine-tuning As you squeeze the ball, be sure to maintain proper leg alignment, keeping your knees above your ankles and in line with your hips |
| $\underline{200}$ | environment was altered as the tribes' societies and economies evolved (A Just and Proper settlement 1987). For instance, it is now known that aborigines had altered |
| 201 | 's degrees, and even fewer are reported as transferring to four-year institutions. When proper procedures and programming are not in place, the open door becomes the revolving door |
| 202 | Today, leaders recognize their responsibility for the future and are trying to understand their proper role in relating to politics. They see strength in working together, if they |
| $\underline{203}$ | of tote Mnner attractant - a colloid I had developed that would evaporate into the proper aldehyde and ketone mix the tote Mnner found so irresistible. We had also attempted |
| 204 | reversed that trend. THE BIGGER PICTURE \# Three strategies will be essential to the proper management of U.S. aid in the twenty-first century: coordination with other U.S. government departments |
| $\underline{205}$ | standard for rating them. We are willing to share the tool as long as proper credit is given. Now, we are partnering with a major hospital in the |
| 206 | new ideas. The obstacles appear in thinking of great ideas and giving them a proper hearing. It's easy to recommend that management listen to everyone's ideas; |
| $\underline{207}$ | examining it closely. " The cat lives. I will go, maintaining the proper balance offerees and perceptions. " The agent: Great! This I can sell |
| 208 | sitting at a low table-evidently those who had arranged my performance of Grieg (a proper name spelled very like the word " grief ") -and I told them I |
| $\underline{209}$ | Oxford Hotel, one of the best joints along the Front Range to get a proper drink. \# Johnson has tended bar there for 18 years. Ask her for |
| $\underline{210}$ | 's virtually guaranteed that by the end of grammar school your child will know the proper thing to do in a given social situation, whether or not she chooses to |
| $\underline{211}$ | western white cedar, and southern bald cypress will last 25 years or longer with proper care. However, they're expensive. Inch-thick Western red cedar decking costs over |
| $\underline{212}$ | the heart-stopping thought that at least the man's family would get to have a proper burial. My sister-in-law, a nurse who was called upon to assist victims of |
| $\underline{213}$ | seriousness -- and machismo -- of racing, and generally refused to act like a proper female jock. " Jacquie was the Missy Giove before there was a Missy Giove |
| $\underline{214}$ | servants for very many of the comforts of life; and that, with a proper amount of care in choosing servants, and treating them like reasonable beings, and |
| $\underline{215}$ | are still rich in resources - quality teachers, computers, huge grounds, and proper class sizes. " The provision of education in this country remains a class issue |
| $\underline{216}$ | sacrifices of this kind. They only want to understand that it's for a proper cause, that the mission makes sense, it is for an interest that is |
| $\underline{217}$ | may have implications for physician instructions to patients, clinical trials, and identification of proper technique in development, submission, and approval of new intranasal steroids.Acknowledgment The author would |
| $\underline{218}$ | " stock car " became obsolete shortly after buggy whips fell from use, the proper name for one of these racers is " Cup Car. " That means conformance |
| $\underline{219}$ | The coach yells at him to go to the locker room and get into proper dress, and he just stands there, staring. Some pip-squeak next to him |
| $\underline{220}$ | flow (from the body) for the disaggregated particles of kidney stones. With proper respect for the internal coherence of such strikingly different theories about the natural world, |
| 221 | for animals, according to Angulo. \# Developing countries have even fewer guidelines for proper use of antibiotics, at the same time that many are increasing livestock production. |
| $\underline{222}$ | challenges being aligning the camera with Polaris (the North Star) to obtain the proper rotation and having to use a heating element on the camera lens to prevent dew |


| 223 | , according to the Commission. There is a voluntary standard for clear labeling about proper use of the walkers, includng: " Warning: Avoid serious injury. Never |
| :---: | :---: |
| 224 | our sons and daughters were nothing but cannon fodder. Grief and respect are the proper for all discussions about choosing to endanger or destroy a manifestation of life. |
| 225 | asset -- customers who would use its services in the future -- and that the proper accounting treatment would be to capitalize them when they occurred, and to amortize or |
| 226 | the patient sits in the chair, pressure transducer deformation reflects seat deformation. Through proper calibration, the pressure distribution can also be obtained. Although Weishaup used this system |
| 27 | " Why then is it such a chore for you? Do you lack the proper proteins for discipline? Heh? " With a long, pale finger he poked |
| 228 | -- dress up, you know? We do. We -- what is the proper attire for going to a soup kitchen? McGoran: Jeanine, who asks that |
| 229 | reflect all phases of their lives, moving easily from lively 1930s Harlem gossip to proper English to timeless down-home chatter. Sadie remembers going back home from Harlem and having |
| 230 | above, some Anglo-Saxon sports terms have been adequately translated or modified to beco " proper " Spanish, \# the fact is that presently English and Castilian words survive together |
| 231 | your walking workout, try these prime tips from the experts: \# Find your proper stride length, says Anne Kashiwa, director of the Rockport Walk Leader Program and |
| 232 |  |
| 233 |  |
| 234 |  |
| 235 | no pillars of Jeffersonian democracy. \# Political scientists are at pains to establish the proper species of many of these regimes. Are they " semi-authoritarian, " " hybrid |
|  | thousands of entries. \# I want to avoid the question of what is " proper statistics, " for exam when a correlation coefficient is inadequate, or when |
| 237 | of becoming a work of art obviously hinges on what we take to constitute a proper artw One nontrivial criterion for judging a proper artwork can be found in the |
| 238 | 's cultured and manly, just what I would have wanted had I been her proper father and responsible for her. And he went on under the mellow blue sky |
| 239 | when patients may be heading for trouble, and to track whether they're getting proper ca standard federal quality measures-for example, keeping heart-attack patients on beta-block |
| 240 | good reason. BARR: Well, I'm saying that this is not the proper time or the proper way without due deliberation to pass very far-reaching legislation. What |
| 41 | learn how gender systems are created, maintained or changed. Culturally prescribed notions of proper female or male behavior or personality did not necessarily survive the move to the United |
| 242 | 's right). Unlike its predecessor, however, the Castello painting is a proper Nativity, complete with stable, ox, and ass - details perhaps borrowed from |
| 243 | to substantial subfield distortion, as indicated in the center of the figure. With proper adjustment of the second stigmator, the distortion is reduced to the level shown on |
| 24 | , washing machine and other mechanical tools that SCR uses to instruct trainees in the proper operation of " modern appliances (alat-alat moderen). " Sari lamented the different |
| $\underline{245}$ | should think I'd find myself much aggrieved should I have to partake in a proper English dinner any time soon. " \#" Is our cuisine really so awful |
| 246 | Nematoda, Kinorhyncha, Pogonophora, Chaetognatha, and so forth. \# The proper evolutionary perspective is genealogical. Bats may be like birds functionally, but they are |
| 47 | they would not be particularly concerned to make sure that they were buried in the proper Muslim way, since part of their martyrdom involves the idea that they're willing |
| 48 | valuable insights about the need to preserve the dignity of the poor by according |


|  | them proper access to the use of resources. It would also foster the notion of effective |
| :---: | :---: |
| $\underline{249}$ | I'll say, I have to -- I have to do things in the proper way. I go -- I have to forget that it's the first time |
| 250 | been found to be most common among mothers who are forced to work and where proper medical care can not be secured. " 38 The Urban League in 1923 further |
| 251 | persons, in which human members will be fulfilled with respect to all the goods proper to their nature. On this view, beatitude has various degrees, and the |
| 252 | takes place in the first three years of life, and any child without the proper stimulation in those years would be irremediably handicapped. The few scientists at the conference |
| 25 | and herbs. \# " This is something " said Jehan Silverback. " A proper feast and then a play. We never have events like this on our island |
| 254 | transfer for you, Gordon. It's my responsibility to train young officers a proper respect for tradition, for the established order of things. You need to learn |
| 255 | be addressed by the planning committee early in the planning for the charrette. <br> 7. Proper facilities make a crucial contribution to the success of the charrette. As mentioned previously |
| $\underline{256}$ | unable to place students because those students refuse to learn the social skills necessary to proper dress for a job interview. National Honor Society and other " honors " assemblies |
| 257 | with the role of protecting the publics health and safety, telling people to take proper precautions if they're needed and doing what's needed to clean up after an |
| $\underline{258}$ | Lipper, the mutual fund trackers, shows that in the long run, creating proper asset allocation is more important than magically selecting standout funds. \# 5. Put |
| 25 | of the 82nd Airborne didn't think that they were being sent into battle without proper armaments and -- and materiel to protect themselves and to be as safe as they |
| $\underline{260}$ | example, citing a consuming passion for music and insufficient time during her youth for proper learning. She then implies that this latter excuse us closely tried to the womanly |
| 261 | brows knitting together. " West Moon Club? " \# " It isn't proper currency, " he said as the frown grew. " Just a silly trinket |
| $\underline{262}$ | see a rock, they start to quake. We now began to get a proper perspective on the convoy, even though it was following the coast, and |
| $\underline{263}$ | Independent Counsel, and Mr. Ruff, my counsel, and I about what the proper balance was in the Constitutional framework. And I did not want to put the |
| $\underline{264}$ | of these poets. Their milieus can never be recaptured and inhabited, but with proper selection, their poetry provides a sense of how they perceived place and nature. |
| $\underline{265}$ | he had another thought. He located the files for marriage certificates, found the proper form, made copies and filed the new certificate in the proper place. No |
| $\underline{266}$ | Fuller's distinction. Nevertheless, virtue--the morality of aspiration--is assumed today to be the proper province of the state. Why? Throughout most of the history of Western Civilization |
| $\underline{267}$ | also be used to prevent intrusion by unauthorized individuals without hurting them. If the proper frequency and waveform are selected, millimeter wave energy will penetrate less than $1 / 64$ of |
| $\underline{268}$ | American M-48s. The Israelis had upgraded both models, but the tanks still lacked proper firecontrol systems for night fighting. The first 7th Armored Brigade unit deployed to the |
| $\underline{269}$ | or any of the other stains they wanted washed out of their concept of a proper society, they and their darlings immediately began seizing power, blasting themselves upward on |
| $\underline{270}$ | with hat, gloves, and fan, but no shoes) and men's proper attire, complete with vests, bow tie, and top hat (\$320) |
| $\underline{271}$ | government departments -- Commerce, Energy and Interior. They attempted to figure out a proper formula for royalty payments based on complex rules and regulations that are subject to reasonable |
| $\underline{272}$ | curriculum. From this perspective, the rationale-related issue is whether the curriculum reflects the proper conception of societal realities and values. \# Research findings are another, even if |
| $\underline{273}$ | dutifully reports these facts, but the aggregate impact of them fails to make the proper impression on him. In his telling, the story is one of hardball corporate |
| $\underline{274}$ | done set to true, and the loop may terminate before it can retrieve the proper value of x. Thus, |

when the red thread accesses $x$, it may
275 years after his death, the great Italian artist Giotto may finally be getting a proper burial in Florence. Now Giotto is the pre-Renaissance artist who reintroduced three-dimensionality and human
276 . By rearing lobsters in optimal levels of salinity and oxygen, providing them with proper food, and keeping the temperature at a constant 20 Celsius, market-sized lobsters could
277 their position. " " If the position is worth defending, what is the proper length? " Father McGinnity sighed and stared at his empty wine glass. For
a big risk when you go into a circumstance where you do not have the proper sanitation equipment. And this is what we're trying to get after. \#
$\underline{279}$, where Leaphorn had just left him. He'd get Dilly to make the proper calls to assure that no jurisdictional toes were bruised. Then he'd make the
280 this Essay's six remarks tracks the shift in thought over the centuries about the proper starting point for philosophical and ethical inquiry. This shift has important implications for those
281 build legitimacy. \# Now that the Cold War is over, questions about the proper role of elites in U.S. foreign policymaking can be addressed once the crucial role of
that is not true. He was certified as the winner in Florida by the proper procedures established under the law of Florida, as amended by the Florida Supreme Court
283 the good guys? \# In reality, gadgets will never replace common sense and proper gun training. Despite the growing number of guns in our society, accidental deaths
284 was crucial to distinguish between those applicants for relief who had made a sustained and proper contribution to economic progress and those who had not pulled their weight. This was
285 framework of common sense in human perception and reasoning. I doubt whether it is proper for arts to go against our common sense and our eyes, no matter what
286 . With respect to each matter, we might ask: Has Canada reached the proper balance between protecting Canadian commercial interest and the Canadian cultural interest? Second, is
287 in the costume of the Roman Empire? What else did I expect? A proper empire requires the presence of barbarians on the frontiers, and as proof of the
288 all the while grilling them on military protocol, the niceties of rank and the proper way to hold one's fingers at parade rest. \# (" The left
of a predetermined set of skills. 6 \# Attention should be given to ensuring that
a proper reference interview is provided to the patron once a library has decided upon the
format
290 different holes in the button several times. Then remove the toothpick, which ensured proper spacing between button and fabric so that the button will be easy to fasten. just researching her projects but also finding funding sources, writing grant proposals and getting proper documentation. " Grant-proposal writing in general is time consuming. You definitely have to
292 was good parents, and I think best does not always equate to what's proper at the time. And I benefited from my older siblings going through my parents
says, children with an inability to distinguish between certain phonemes may never develop the proper phonological awareness needed for reading. \# " It's as much of a roadblock
294 n't say " Christ Almighty! " We mustn't be uttering any of his proper names in any context other than respectful reverence-since proper decorum here is so critical to
295 Devereux on an intensified monitoring and inspection plan. Whether or not Andrea Yates received proper medical care is of little concern to Harris County District Attorney Chuck Rosenthal, who
296 . They can then be put into a mental institution and then released gradually under proper surveillance so things like this don't happen. ! P-SCHMIDT: Well
297 to carry the circle ring from the less affected leg to the affected leg for proper weight shifting whenever possible. While the participants performed the task, the research assistant possible inappropriate behaviors, and these committees are also often responsible for developing specifications of proper behavior by members. Books of acceptable ethical
standards for professionals have been published.
$\underline{299}$ the Ethics, the Politics, and the Metaphysics are all necessary to establish the proper questions to which revelation addresses itself as coherent answers, answers that will not be
300 , that's better than nothing, but we're a long way from
a proper investigation. BURNETT\# And, David, to that point, you know, you

# APPENDIX C 300 CONCORDANCE LINES OF SUITABLE 

| $\underline{1}$ | protect air quality under conditions that occur in California, and may not always be suitable for other areas. " CARB maintains that Mr. Boyd was quoted out of context |
| :---: | :---: |
| $\underline{2}$ | the jibe had a certain aptness. The hacking scandal boasts a cast of characters suitable for the hammiest of gangster flicks: a feuding family of vast wealth and power |
| 3 | a colony of naked mole rats back to her lab, she struggled to find suitable burrows. First, she filled a glass-sided box with soil. " They dug |
| 4 | the desert, and we must build for the desert, find a living environment suitable for the sand and heat. " \# Ancient Egyptians devised simple ways to keep |
| 5 | to make sure that farmers are given accurate information and that our disaster programs are suitable for this kind of weather climate system HANSEN And that's what you're going |
| $\underline{6}$ | means of assessment have high rates of success among experienced mental-health professionals but are less suitable for those new to the field. -- World Trends \& Forecasts, Mar-Apr 2013 |
| $\underline{7}$ | request.) Demonstration projects under the CCT program include environmental control technologies that are suitable for retrofitting existing plants, as well as technologies for repowering (replacing outmoded boilers |
| 8 | operate in temperatures ranging from - 40 degrees to 60 degrees C , which makes them suitable for meteorological or oceanographic measuring systems in the Brazilian rain forest, Middle Eastern deserts |
| $\underline{9}$ | occurs rapidly as organisms reproduce and consume resources exponentially until the environment is no longer suitable for reproduction (figure 1a; Papazian 1984). Given a finite resource, |
| 10 | destined for fame. After the Civil War, a single span was determined most suitable for the wide, heavily trafficked river just west of the fast-growing metropolis. But |
| 11 | Yes. I noticed. " // He left before she came up with a suitable reply. Lucky for him there wasn't anything expendable that she could have thrown |
| 12 | young apprentice to learn our sacrificial procedures. The question: Where to find a suitable individual? The answer: Here he stands. Namely, yourself. Yes, |
| 13 | find shelter in 2 minutes, Howard concluded that $80 \%$ of hatchery-reared stock released into suitable substrates had as much chance of survival as their wild counterparts (Howard, 1982 |
| 14 | ). Specifically, children with mild to moderate degrees of physical disability were considered suitable for placement in regular classes if the school was easily accessible, if parental help |
| 15 | a show of sitting up a bit straighter and arranging myself in a position more suitable for listening. Yasmin laughed. " Rami and I met in coege. His |
| 16 | mixtures consisted of 2.0 ml of 0.05 M citrate-phosphate buffer ( pH 5.5 ), a suitable aliquot of crude enzyme, inhibitor solution, and water to bring the volume to |
| 17 | could only imagine the cruel indifference of the men whom her circle would consider " suitable. " Worst of all, she had taken these messages deeply to heart, |
| $\underline{18}$ | legacies of colonialism and outside interference. The colonizers found religious and racial differences as suitable instruments in the implementation of their divide and rule' policy. The British were |
| 19 | 's insulating factor is what stabilizes the temperature inside a root cellar and makes it suitable for storing vegetables. \# If your climate doesn't experience severe winters, an |
| $\underline{20}$ | should be inspected periodically. Finally, occasional testing should be considered to ensure that suitable water quality is being achieved. Sidebar Calculating Catchment Capability If you're using a |
| $\underline{21}$ | employment projections. Due to the geographic sensitivity of the occupational market, it is suitable to analyze the issue by smaller geographic sites. Acknowledging the sensitivity to locale, |
| $\underline{22}$ | the collective memory of city officials, there is market demand for distressed residential |


|  | property suitable for redevelopment. \# Officials say their hard line on run-down real estate has helped |
| :---: | :---: |
| $\underline{23}$ | * c - There will, however, be a strain on the toes if suitable walking shoes are not worn. * b - A Nordic walk takes about one |
| 24 | the retreat hypothesis, assumes that individuals remain in the clearcuts but move to more suitable underground habitat where individuals survive for limited periods on minimal resources and energy stores, |
| $\underline{25}$ | human life: food, clothing, health, work, education and culture, suitable information, the right to establish a family, and so on. " ( |
| $\underline{26}$ | and Cheddar are good options for kids. \# Think beyond sweet. Some foods suitable for older children, such as plain peanuts, plain popcorn, and beef jerky |
| $\underline{27}$ | is disturbing, I suppose is the fact that the game is advertised as being suitable for 13-yearolds. When the content is pretty clearly adult content BURKHARDT And in a |
| $\underline{28}$ | less preoccupied with the problems of housing than were his predecessors. A lack of suitable housing reached crisis proportions with Speer's attempt to impose a massive urban design on |
| $\underline{29}$ | But for the large metal windmill twirling beside it, this house would look suitable commanding a large lawn with redbuds and lilacs in one of the better areas of |
| 30 | Snyder, Tan, \&; Hoffman, 2006), it is difficult to identify suitable participants within a logistically feasible geographic area. In addition, because children with visual |
| 31 | back. People spoke of them approvingly, proud that their town had been found suitable as a site for such gatherings. He' d offered to take Daniel once |
| 32 | And with that, my sessions became our sessions in a form far more suitable both to our finances and my constitution. Though this is Jane's, I |
| 33 | must be defined. Combining historical presence and absence data with probabilistic niche modeling for suitable habitat (Elith and Leathwick 2009) may help in establishing what part of a |
| 34 | project is a waste of money, " he said. " These houses are suitable for factory workers, not country people. " He handed us a couple cans |
| 35 | filmmaking is pricked by conscience too, building to an awful/satisfying emotional climax with restraint suitable for a 37-year-old German director facing his own country's past shames. (Now |
| 36 | that other men distill from suffering, he had collected a set of schoolboy maxims suitable for mounting on a wall of the Pentagon- " The human race needs to think |
| 37 | ? Why would anyone assume that because he had a ranch, he'd be suitable marriage material? Or that he wanted a wife? // " Mud wouldn't |
| 38 | , the subject thus can easily be identified by beholders, although it is scarcely suitable to be read and reconstructed as a chronologically and logically coherent narration. In other |
| $\underline{39}$ | Clients have a responsibility to be clear and open about these issues; otherwise, suitable advice can not be rendered. \# Equally important, clients must assume decision-making responsibility |
| 40 | could be employed to increase cognitive load, a memory task was chosen as a suitable alternative for three reasons. First, there have been speculations that working memory may |
| 41 | done by pricking individual cells with tiny electrodes, a laborious technique that wasn't suitable for looking at Vmem patterns across tissues or whole organisms. \# Instead, the |
| 42 | response to a growing interest in after-dinner parlor games, these elegant pieces incorporated surfaces suitable for such pastimes as card games, backgammon, and chess. The roots of |
| 43 | flowers have had all night to absorb water and chill. Evening is also a suitable time. Cut the flowers with several inches of stem, if possible, and |
| 44 | him long enough to send a copy of it to Martin Humphries. With a suitable request for compensation, of course. Fifty-million would do nicely, I thought. |
| 45 | the class, we use an example from the literature that is relatively small, suitable for classroom instruction, but yet exhibits the characteristics of a problem where there would |
| 46 | the decisions taken at schools as a result of the meetings are mostly the decisions suitable for official practices required by legislation. $* 42 \%$ of the teachers and administrators replied |
| 47 | baby blue satin and red mesh, among others. The shoes themselves are more suitable for street wear than hard-core athletic endeavors. And they will not be marketed with |


| 48 | " in hopes that Dr. Zhau Tse Wen's project staff would find it a suitable place for their collision. They did, and eighty-two years later, one by |
| :---: | :---: |
| 49 | to solve questions of where the big group could eat out together and find activities suitable to everyone. \# Packing should involve the children, too. \# Read together |
| 50 | qualities you feel would be suitable in a fwet'httaha. " Once you find a suitable candidate, the second stage of the ceremony begins, the tynsten or greeting, |
| 51 | , OH Circle 911 \# Chemical metering pump \# The 500 Series peristaltic pumps are suitable for water treatment applications, metering chemicals such as sodium hypochlorite, alum and potassium |
| 52 | scene in every serious eating city. The latter tend to be more casual places suitable for informal meals. \# MONEY'S judgments on this clearly subjective topic were rigorously |
| 53 | Eckener described himself as' Very well satisfied " that the " area was suitable for flying. " The Graf Zeppelin made its first trans-Atlantic demonstration flight in October |
| $\underline{54}$ | to contribute culturally as it was receiving, and he recognized the importance of establishing suitable platforms where such balanced exchanges could be effected. To set an example of a |
| 55 | ne Eronmwon, the palace brasscasters guild, and Major Cockburn commissioned a wax figure suitable for brasscasting. (n12) Granville made intriguing entries about ivory carving and brasscasting in |
| 56 | percent. There is also a general consensus that images from these chips are not suitable for photometric work, where total brightnesses need to be reliably quantified. Some chips |
| 57 | If you are sore from yesterday's hard run or facing weather conditions more suitable for Lawrence of Arabia or a Yukon sled dog racer, take the pool-running plunge |
| $\underline{58}$ | As with any garden, planning is the key to success. Almost all flowers suitable for cutting are sun lovers. Sunlight changes as the seasons progress. Paying attention |
| 59 | such a community react to the publication of material which contains content not deemed' suitable'? Up until relatively recently, Ireland's answer was for the material to |
| 60 | done to and for her was designed for one purpose: to find her a suitable husband, even to the extent of sending her to charm school. Their planning |
| 61 | overwhelmed by the sheer luck of this donation. Months might have passed before a suitable organ became available. Dear God. I had almost bought it. \# I |
| 62 | commitment to equality of educational opportunity. Therefore, the gifted girl rightfully deserves a suitable education to discover her personal benefits. Programs for the gifted may provide such a |
| $\underline{63}$ | and trust, in familiar surroundings, close to their home, and at a suitable and convenient time. \# General practice also allows continuity of care. The patient |
| 64 | So there is no point in your trying to fix me up with a suitable Sayre job or a suitable Sayre marriage. I am coming with you to what |
| 65 | from all sides. I'm sure it will be one of several -- very suitable memorials to Diana's life KING We'll be right back with more of Charles |
| 66 | will it be constructed of? By month's end wags were snickering that a suitable construction material might be golf balls, yes. golf balls. After all, |
| 67 | of moving, of having to get settled in a new place and finding a suitable grotto and making it up to be his very own. And he'd miss |
| $\underline{68}$ | surface space within a circuit board design and eliminate threaded connection failures. They are suitable for use in high-current, single-point connections. \# **26;78497;TOOLONG OR CIRCLE 46 \# CPU |
| $\underline{69}$ | A sensitive method for determination of a broad range of perfluorinated compounds in serum suitable for large-scale human bio-monitoring. J Chromatogr A 1216:385-393. \# Haug LS, Thomsen |
| 70 | it offers. We instinctively spot what will serve our turn; we rise to suitable occasions. In so doing we perceive ourselves as real -- alert, appetitive, |
| 71 | for late summer color. We also asked experts from around the country for suggestions suitable to your climate. Five Ways to Keep the Color Coming 1. Leave it |
| 72 | (Houston, Tex.), Heritage Keepers (Wichita Kans.), Suitable Helpers (Wheat Ridge, Colo.), |


|  | Chosen Women (Tustin, Calif |
| :---: | :---: |
| 73 | When it became apparent that she could neither operate the private observatory alone nor find suitable assistants, Pickering gently suggested that she might wish to collaborate with Harvard. In |
| 74 | she'd have to find a new home. Rush would no longer be a suitable dwelling once Falcon Formation took over. Venera tried to pretend that this would be |
| 75 | Valley, Calif., shouted to me in an e-mail. " Is that a suitable reason for granting anonymity and using a quote or piece of information in an article |
| 76 | easily achieved if practiced within the framework and couched in the terminology of language more suitable to nationalists and traditional linguists. Not all of the allegedly negative consequences of sports |
| 77 | . " Some, " I replied. " And you could come up with suitable national dress? " Dagger wanted to know. " You'd look nice in |
| 78 | CFC use. While the Pentagon claims they " will be revised to allow for suitable alternatives, " the industry counters: " Service directives to consider CFC alternatives appear |
| 79 | arbitration procedure should appropriately be applied. It seems to me that, in a suitable context, this could be an extremely useful leverage device, a way to create |
| 80 | almost unwilling, to take away the driver's license of people who are not suitable drivers, such as alcoholics, those who regularly have crashes, or those who |
| 81 | dozen who are elderly or disabled, from the former Kelly Air Force Base into suitable housing. \# Nationwide, FEMA still rents about 37,000 hotel rooms, four months |
| 82 | rice to their cousins or nieces only. Another distortion might be an abundance of suitable female relatives on either the paternal or maternal side, with a shortage on the |
| 83 | have adapted physical simulation techniques for that purpose 2-6. The former approach is not suitable for simulating cloth motion and tends to be limited to a specific application area, |
| $\underline{84}$ | Rosewater and orange flower water lend their seductive aromas to cookies. The book is suitable for the kosher cook, but the recipes have appeal far beyond the kitchens of |
| 85 | applications of this potential system, the following points may be made: Sources of suitable and available human cadaveric feet are limited, especially in first world countries. Sizing |
| 86 | she only loosens the walls of the spiral to give access to drakes she deems suitable fathers. Duck sex, like that of so many other species, incorporates a |
| 87 | before Jimi stumbled, plumb fell down and nearly broke his neck, into a suitable hole. The limestone cavern was just tall enough to stand up in. Somewhere |
| 88 | UV protection unless they are designed to do so, and not all plastics are suitable for framing applications. Some plastics turn yellow; some give off gases. \# |
| $\underline{89}$ | and you could take it or leave it. Furthermore, she made no bones-in suitable company-about her likes and dislikes. \# Yes, she thought women were smarter than |
| $\underline{90}$ | valleys. Among Lara's people, there was a wooden baby's crib, suitable for strapping to a cart, that had been passed down for generations. The |
| $\underline{91}$ | because outcomes are also contingent on the demand for postsecondary enrollments, the supply of suitable student openings, tuition stability, and the terms and conditions of the specific program |
| $\underline{92}$ | wouldn't have prairie chickens. " \# But even on the isolated tracts holding suitable Attwater's habitat, getting the birds to rebuild their populations or even keep their |
| $\underline{93}$ | In either case, one would think, the goal is to apply a suitable cracking force. Perhaps, but if you think of the shell as a stiff |
| $\underline{94}$ | many women have accepted and followed male standards because there has been a dearth of suitable role models and appropriate literary resources to which female writers may turn. Rich explains |
| $\underline{95}$ | to our village. A friend in Canada had asked him to find him a suitable girl. He said he would pay all the necessary costs of bringing the girl |
| $\underline{96}$ | , $\mathrm{h} 2 ;=.09$ : The nontalented members considered the test as less suitable $(\mathrm{M}=4.80, \mathrm{SD}=1.68$ ) to measure empathy than did the |
| $\underline{97}$ | sold exclusively by Toys " R " Us. Pleasant Company also offers a wheelchair suitable for the |


|  | American Girl of Today doll line through mailorder at 800-845-0005. Author Af |
| :---: | :---: |
| $\underline{98}$ | within, or near their host plant have a considerable advantage because at least one suitable host is readily available, and there is a good chance of phenological synchrony between |
| 99 | . And in time you may wish to marry again, and we shall keep suitable people in mind. " " I do not wish to marry again! " |
| $\underline{100}$ | is more discriminatory than 16 S rDNA sequencing, a cutoff value of $=95 \%$ similarity proved suitable for species identification within Corynebacterium (12) and also clearly enabled species identification in |
| 101 | , astronomers now can discover and characterize vast numbers of small NEAs that would be suitable for capture and return. Second, engineers know how to build solar-electric propulsion systems |
| $\underline{102}$ | , Mr. Morgenthau appeared to be driving toward a large role on the public stage suitable for someone who, as a young man, made mint juleps for the likes |
| 103 | strategic and tactical; they also relate to the difficulty we would have in hiring suitable faculty. \# I also Chair the Political Science Department Personnel Committee, and we |
| 104 | " and there has been much discussion in the past year on whether they are suitable to hover around Newport Harbor, an already cramped playground filled with boaters, kayakers |
| $\underline{105}$ | that much on incidentals) for what the law said was "the placing of suitable markers, memorials or buildings at places where historic events occurred. " Also to |
| 106 | management with scientific dosages of nutrients, intensive land utilization, stringent pestcontrol standards, suitable infrastructure for rapid transport of the products to seaports, and aggressive marketing strategies. |
| 107 | chances are if your friend finds the gym comfortable, you'll also find it suitable. \# If you don't know someone who's already working out, Dr. |
| 108 | on board. Barbie, with that dental hygenist's smile, has cruise wear suitable for a czarina. Together on the yacht they look like friends of the British |
| $\underline{109}$ | clearly defined and the implications for EBP are outlined (e.g., inconclusive evidence not suitable to inform educational practice). This distinction makes the Certainty Framework useful in translating |
| $\underline{110}$ | more sinister than the Pacific Northwest will recognize much of their inventory as being perfectly suitable if provided full sun and sharp drainage. \# In 2013, Xera Plants opened |
| $\underline{111}$ | perfusion data that is designed for QGS analysis. If method B employed a filter suitable for generating perfusion data, the gated filtered files would be rendered worthless. \# |
| $\underline{112}$ | together with vitamins and minerals and the liver further modifies them into biochemically active units suitable to participate in the life-sustaining metabolic pathways. Hormones regulate and coordinate the body's |
| 113 | more importance, one more adapted to Moscow's products, service, and knowledge suitable for Soviet attempts at modernization. 9 For that reason, the Kremlin's main diplomatic |
| $\underline{114}$ | the then-prevalent notion that rain follows the plow, so drylands around Cimarron would become suitable for agriculture once they began. Davis trusted him rather than the stockmen and railroad |
| $\underline{115}$ | the wedding. Mama assured him that our family would not require his advice on suitable behavior, and bade him a very cool good day. I have never heard |
| $\underline{116}$ | the alternative is to pay for a high-speed network connection), it is not suitable in all situations. Latency is high, and so is the human overhead associated |
| $\underline{117}$ | to the point that you don't know anything about it. Thus, a suitable subject for our quiz. MrKLEIN: Okay. SAGAL-: We'll ask you |
| 118 | standards, Riley strongly urged each state educational establishment to adopt or adapt them after suitable review. As a result of this national initiative, most states have reviewed the |
| 119 | assumptions. " Trapped again. One of these days I'll figure out a suitable strategy for dealing with that. " There's always Ua, assuming she'll |
| $\underline{120}$ | wouldn't even mention him. Nell would want to match her up with a suitable beau. When she just wanted to forget. \# A sharp clanging noise drew |
| 121 | 1990) describes as the empirical approach, " in which one simply releases all suitable natural enemies which happen to be available, with the hope that the proper species |

## 122

$1,2000,385$ funded positions for $\mathrm{O} \& \mathrm{M}$; specialists were left vacant because suitable candidates could not be found. Similar data indicating the need for specialized teachers in
should encourage as much Arab participation as possible, it should take advantage of a suitable basis for a regional security arrangement that already exists-the six member Gulf Cooperation Council. 4
124 Other facilities, such as parking garages, or sports gymnasiums, also may be suitable for testing. However, in most cases, these facilities are not associated with
yet well established. \# The disappearance of lytic antibodies has been advocated as a suitable indicator of parasitological cure. 6,23 The specificity of the lytic antibodies is related
4 cm or less, judged on clinical and radiological grounds to have localised cancer suitable for breast conservation, only $39 \%$ showed no evidence of tumour foci beyond the reference any material might have the quality of quicksand imparted to it by means of a suitable current. SEEING BY WIRE. Seeing by wire is the latest improvement in modern
of environmental conditions, such as salinity or temperature, so many sites may be suitable for colonization. 16 Insects are a major problem because they can lay dormant or travel
129 to be slow to " fruit " compared to vegetables, once established in a suitable site, they often stick around a long time, fruiting in flushes for years
130 . But the question remains: Is the community service that these grants promote a suitable goal on which to devote precious educational resources? \# To be fair, it
131 be a part of the healing process. America should also offer-not directly but through suitable international or nongovernmental organizations-a number of further financial inducements to Iraq's recovery. These
132 is to obtain a stamp inked locally with different proteins. Any patterning-by-adsorption method is suitable, provided that it does not compromise the mechanical properties and the pattern of the
of regional strategies " necessary or appropriate " to abate pollution " may also be suitable explanations for certain delays. " 368 \# Ironically, EPA's legal rationale for
: Winnifred suggested places that I could go to meet men that I felt were suitable for me SONYA Like? Ms. PAUL: Such as the World Affairs Council.
135 the next Warren Buffett. What you must do, though, is choose a suitable combination of stock funds, bond funds and other investments. The idea is to
136 . \# We hope that the local school authorities take note of this and provide suitable educational paths. Maybe they can join together to provide these programs and spread the the spiked soda water disappear, the one managing the record player chooses fast music suitable for the brightly lit p64 room, where obstructing furniture has been shoved against walls into their research and interpretive programs. But a proposal to extend it to all suitable national park areas, and an initiative to foster cooperative efforts in Latin American countries Economic opportunities \# Primary economic challenges facing youth include preparing for a career and obtaining suitable employment, challenges that have been particularly difficult for Lebanese university students who have had
company reduces its number of indoor concerts by 50 percent during summer, especially since suitable acts often wind up opening or sharing festival-style shows outdoors in summer. " People
141 a bunch of antielectrons and a bunch of antiprotons, bring them together at a suitable temperature and density, and hope that they combine to make atoms. In the determined to create farms and establish homes where they can raise their children in a suitable social environment. One resident said that if the government opened twenty new parcels near
143 WHITE WEDDING \# Editor -- I was surprised to see a white outfit featured as suitable for a wedding guest (Sylvia Rubin's " Style Counsel, " June 19 and simplistic. This subtle form of structural oppression needs to be met with a suitable counter force, itself structural rather than merely ad hoc or opportunistic. Faced with consideration for those on low-sodium diets. As an alternative, potassium chloride may

|  | be suitable for your situation \# The softener comes with two copper stubs for connecting the bypass |
| :---: | :---: |
| $\underline{146}$ | , recommending an expensive computer to teach cause and effect to a 2 -year-old is not suitable when everyday household objects, such as a wooden spoon and metal bowl, would |
| 147 | push rapidly forward under cover of concentrated rifle and Lewis gun fire, until a suitable position is reached. Deliberate fire should be opened, under cover of which the |
| 148 | in place of static separation as the relationship of finite to infinite that is most suitable as a framework for conceiving the incarnational, " from above " aspect of Christology |
| 149 | adaptation in which the missionaries employed such methods as they considered to be most " suitable and efficient. " In that regard, the missionary Father Julian Knogler stated: |
| $\underline{150}$ | the " filthy and degraded " Dakota boarders to her mother. " After a suitable clothing is prepared comes the scrubbing and combing process. The latter of course included |
| 151 | of pictures when top-angled daylight is available. Daylight type, ASA-100 films, are suitable for this purpose. They provide good resolution and fast shutter speed necessary for HSPs |
| 152 | implications for everyone. The fact that the authorities in Beijing are putting together inventories suitable for the prosecution of such enterprise is ominous. (n68) That such an enterprise |
| $\underline{153}$ | over even Gwenlian and inherit both crowns. Of course, he must make a suitable marriage first-which is proving difficult, since no decent house will entertain his suit after |
| 154 | Congress has the authority to criminalize child rape, provided that the statute includes a suitable " jurisdictional element. " (n108) For example, the Commerce Clause(n109) could |
| $\underline{155}$ | 16,000 unique names, NRAO officials at last chose a new moniker that was eminently suitable. At a rededication ceremony that took place on March 31, 2012, the |
| 156 | as correcting it. Every conflict is different, and there is no one policy suitable to every situation. But bringing together representatives of opposing groups in an unofficial private |
| 157 | small child. The machine delivers a question to the child, who after a suitable period of thought feeds back his reply -- whereupon an expression of horror flashes across |
| 158 | season and missed the rest of the season. While the Seahawks never found a suitable replacement, they finished with a 12-4 record behind the arm of quarterback Dave Krieg |
| $\underline{159}$ | the agency measured a timber size class normally used to determine which stands are suitable for timber cutting. " Furthermore, when a finished version of the Morrison team |
| $\underline{160}$ | to Japan by the Portuguese in the early sixteenth cen tury the lacquered comptoir was suitable for storing all kinds of things from documents to jewelry to collections of objects. |
| 161 | obsolete as a form of transportation, so the most desirable native dogs became those suitable for racing; the larger dogs moved into the show ring or hung on in |
| $\underline{162}$ | you, they were young. They remarried. The woman to a man more suitable to her. The man to a woman who more closely met his desires and |
| 163 | will want to consult a topnotch estate-planning attorney whose expertise goes far beyond simple wills suitable only for modest, uncomplicated estates of, say, $\$ 600,000$ or less. A |
| $\underline{164}$ | seventeen highly trained Eep specialists, their mission to locate and contact a human entrepreneur suitable for a business relationship with Uquibar Sidantics Unlimited. When the Eep vehicle landed on |
| $\underline{165}$ | his woodland mix in the light shade under high trees (no wildflower mix is suitable for dense shade). Since a mix contains perennials such as oxeye daisy, |
| $\underline{166}$ | those who might be suitable for you. Or, if one or two are suitable, they want too much money. " \# Cynthia's face fell. \# |
| $\underline{167}$ | general work, choose one with a $3 / 8$ " chuck. The smallest chuck is suitable only for detail work, and the largest for heavy work with large bits. |
| $\underline{168}$ | Why just 25 ingredients, especially when there's a universe full o foods suitable for backpacking? Because through years of practice. I've noticed that many of |
| $\underline{169}$ | on their intimacy. She was that lone girl now, and it felt a suitable karmic comeuppance. **33;727;TOOLONG She bought a sausage from a street seller and chatted in |
| $\underline{170}$ | , students are given the right to use the vouchers to choose the education most suitable to that |


|  | person's needs |
| :---: | :---: |
| 171 | entirely, preferring to stay in class where it was reliably more quiet and more suitable for reading and studying. \# Creating Havens \# In an effort to make concentration |
| 172 | bod came with enough money to cover the cost of our remorphing it into a suitable form. Eighteen were retitled back to me and Boditexx for reprocessing and resale, |
| 173 | early in life. The following material examines both the " ounce of prevention " suitable to teenagers to insure bone health and the " pound of cure " available for |
| 174 | also counseled cold calculation and careful planning, saying that " addressing problems without finding suitable solutions is liable to lead eventually to bad results. " \# Six months later |
| 175 | is only the size of two cigarette packages. Its chemical resistant composition makes it suitable for applications where caustic gases are used. Twin diaphragms are internally coupled to minimize |
| 176 | or assessments, and (4) research results that identified thresholds (percentages of suitable habitat) at which habitat fragmentation or loss has deleterious effects on the feature of |
| 17 | documents repeatedly affirm that all persons have the right to " the means which are suitable to the proper development of life, " (n7) and argue that the |
| $\underline{17}$ | receivers, but also in the sense of one version of the message considered as suitable for many different learning styles, experiential backgrounds, and cognitive abilities. \# This |
| $\underline{179}$ | galactic center. In between, the density and metal content of stars are more suitable for planets that could have life. Sidebar HOW TO BE A GOOD PARENT STAR |
| 18 | , WI 54913; (800) 552-6776; no catalog Jansport offers coated-nylon jackets suitable for blustery weather; a mid-weight fleece jacket in two styles; and basic trail |
| $\underline{181}$ | to others' perceptions. \# The remaining possible policy actor roles are also not suitable for counselors. They are not outsiders, per se, as they formally work |
| 18 | chose to test as many products on the market as possible and choose the most suitable for our needs. We were pleased to discover there is some great baby gear |
| $\underline{183}$ | to tell me, I knew. Adults had such curious ideas about what was suitable for children. You could never trust them to tell you the truth about anything |
| 184 | He walked around the graveyard for a very long time, looking for the most suitable, most diggable place, before he came upon that mound. But he was |
| $\underline{185}$ | penicillin. While more penicillin fluid could be produced in this way, Heatley needed suitable vessels to grow the fungal broth. He quickly resolved that a variety of objects |
| $\underline{186}$ | not been a primary concern in choosing generating technology. 11 Siting Constraints \# Finding sites suitable for renewable facilities is limited by many constraints. Renewable power production facilities can be |
| 187 | , therefore, is to help intern teachers to develop specific instructional activities that are suitable to learners and context of learning (Larsen-Freeman 2000). \# The application of |
| $\underline{188}$ | easy to beat up on a woman instead of leaving the woman and finding somebody suitable for you? Plus, you have kids. Today's society, kids do |
| $\underline{189}$ | What to wear: A swimsuit or lightweight sport shorts that dry quickly, sandals suitable for walking in water, a Tshirt, a wide-brimmed hat, sunglasses, and |
| $\underline{190}$ | . There's no zipper, and the Epic comes in one size only, suitable for folks 6' 2 " or shorter. On test outings, our wide-bodied |
| $\underline{191}$ | to be determined. One study suggests that a group-administered, multiple-choice response format is suitable for female adolescents who are delinquent (Gaffney, 1984), but another investigation |
| $\underline{192}$ | and the dogs were fighting each other PHILLIPS voice-over And when the animals aren't suitable for research, Lethal Settelmier says they're shot PHILLIPS Have you heard gunshots? |
| 193 | becomes an object -- a corporate logo or a T-shirt, a lump of wax suitable to the souvenir molds of primetime docudrama, a brand name awakening with its " |
| 194 | structured so that financing costs are smaller than the projected energy cost savings by a suitable margin, the risk to the fund of providing insurance to the lender would be |
| $\underline{195}$ | Prison Terms (BPT) hearing, along with my attorney. I was found suitable and granted a parole |

date. Weeks later, I was notified that there was

解-suffused trees that provide an ambiance suitable for a lovers' rendezvous (Figure 7). Wagner created the music and relations. " One such synset was " Good, right, ripe (most suitable or right for a particular purpose):' a good time to plant tomatoes
a greater number of bird species due to the availability of diverse food
resources, suitable breeding and chick-rearing sites and cover from harsh weather. \# Shrub habitats are dominated
they could just put money into the ones they have, or find a more suitable place for it, " Plant said. \# Plant said she's afraid the
a basis for spiritual realism, an epistemological foundation for applying to spirit phenomena a suitable empiricism that can yield precise, shareable understandings comparable to those that the natural sciences
students to make explicit the images they derive from literary extracts. Poems are particularly suitable. For example: \# A constellation leans its elbow on the hill And cool and perhaps meditation, impressions and insights converge into a focused research topic. A suitable topic for intuitive inquiry has the following attributes: Compelling. For a research topic
like Paulinus, Shenoute urged the monks to make themselves along with the building into suitable abodes for Christ. The structure becomes the nexus of a four-part relationship between the
204 a meaningful part of an Asian-Pacific security structure? Not if Washington makes timely adjustments suitable to the situation at home and abroad. The argument currently being advanced to Asians
The related samples Wilcoxon signed- ranks test, analogous to the paired t test and suitable for measuring pretest--posttest designs, was used (Maxwell \& Satake, 2006).
shady sill at first, its death is predetermined unless you move it to more suitable dimes. Light requirements simply can not be fudged: Plants that require full sun
207 voltage induces a surface charge density at the interface between an organic semiconductor and a suitable dielectric. The induced charge density provides the conduction path between source and drain electrodes
is achieved. There is a creed for this effort, and one that is suitable for the 20th anniversary of Earth Day and for the decades to come. It
209 should be changed and parts of what the lead character did that wouldn't be suitable for Cee Gee, and over the next two weeks he took several meetings with
210 built with new furniture and computers in order to: (1) design a suitable environment, and (2) tram the claims staff. Additionally, new staff
211 users create with a few strokes on their keyboards. They're hefty things, suitable for holding scalding coffee or a cluster of pens. Some feature the emoticon faces
212 \# In summary, the results from this study suggest that the CATES-PV is a suitable instrument to use to assess the environmental attitudes of preschool children. It is relatively
213 and cattails) as a high-priority research need (2). Ihe need for suitable plants can be addressed by finding plants that exhibit growth during winter while planted in
214 Other days, you don't. It's all horse racing. " \# Suitable sometimes, even in million-dollar showcases, for " Unsolved Mysteries. " 62179 \#
215 Milk chocolate, which literally has milk solids added to it, is not as suitable for this kind of thing. If you like that, it's fine,
216.98 for microstructure variables and from. 72 to. 90 for macrostructure variables, thus indicating suitable reliability for all coded dependent measures. \# Results \# In our preliminary analyses,
217 executive traveling on business. But what he was really doing was looking for a suitable candidate to rob. He'd follow his victims upstairs, taking note of what
218 Two caveats: Gelatin is an animal product, so the fruit mousses are not suitable for vegetarians. And raw eggs carry a risk of salmonella. Either refrain from
$\underline{\underline{219}}$
procedures suitable for the higher-volume production environment. \# These test cars are now being road-tested to
a snow train on the rails for the first time in 40 years. A suitable train was found in Indiana, refurbished, and brought back to rekindle one of
221 I have yet to venture outside this cell. Before I go mad a more suitable arrangement must be found. \# KATE \# Found it. LEOPOLD (startled)
222 who support legalized abortion? Catholic universities generally--and appropriately--permit a level of free inquiry not suitable to elementary or secondary education. Duquesne representatives did not respond to repeated requests to
Yes, your grace? Duke: Withdraw to a distance. It is not suitable that a commoner hear this nonsense. I shall call you when it is time
224 MUNDT \&; ASSOCIATES INC., SCOTTSDALE, ARIZ. The MPS14 multipin solar scriber is suitable for high-speed production of scribing solar panels or other materials, such as plastics,
225 School District were really interested in helping children with Asperger's and other disabilities find suitable education, it could do so legally. Instead the district is using Nathan Oakley
226 Entries may be used in an upcoming column, so they should be brief and suitable for print. The deadline is Dec. 31. Please include your address and daytime
227 the yeast settles on the bottom. The lower most layer is dead or not suitable for brewing. And they just scraped the top off and they'll reuse it
228 high-performance elastomer outer jacket designed for continuous operation in extreme temperatures. These cables are suitable for manufacturing robots, material handling, assembly machinery, and biotechnology applications. Circle
229 \# For most home uses, a standard -sized. 6- to 8-quart pressure cooker is suitable. That's big enough to serve dinner for four to six, with leftovers
230 Washington and go with him " to " find a location where it may be suitable to launch a Stinger attack and then, after, be able to escape,
231 ability to pursue postsecondary education, and students were often hastily shuttled directly into " suitable " gendered service vocations like domestic service, nursing, hairdressing, barbering, and
the Albuquerque N.M. company has developed a pen-shaped device that can make dirty water suitable for drinking. Here's how it works: the user pours a small amount
233 Of the total amount generated, 29.6 million tons (about 18 percent) were suitable for additional recovery. In comparison, an estimated 225 million tons of products were
234 to 250 deg C, " Leshin says. " The bottom line is not very suitable for life. " As the geochemical tug-of-war dragged on, Joseph L. Kirschvink (
Article was published about a month ago, and I am going to read some suitable amendments for final publication for this particular conference. It was published as a follow-up great artistic talent; hence, his technique using autologous rib cartilage is not a suitable option for every surgeon. \# The expanded two-flap method for auricular reconstruction was described
possible largely through policy directed at agricultural practices. Efforts are being made to protect suitable habitat, the European Union's Common Agricultural Policy mechanism has been used to provide
238 skirts came into existence, a dancer was chosen because the proper authorities deemed her suitable and worthy. \# After the selection came a long period of training. The
239 to evacuate or resettle communities are often not considered sufficiently. While the manual is suitable for actors that have a high level of technical proficiency, it is less optimal
$\underline{240}$ be deductible, it must be both required as a condition of employment and not suitable for everyday wear. For example, a smock with a company name or logo
241 pet is to come into the family, a departed pet will often find a suitable match, and intervene to make sure the adoption takes place. Yes, animals
242 twelve years old, at her grandmother's house -- one of the homey kind suitable for sing-alongs. She tries to imagine what the instrument in the old lady's
243 today. She glanced at her watch. A few hours remained to plan a suitable response, and- // " There she is! " a man grated in Spanish
244 best agricultural region of the country, which had an ideal climate and rich soils suitable for

|  | the cultivation of a variety of marketable crops and stock raising. In addition |
| :---: | :---: |
| 245 | eighteenth centuries. " The Retributor opened his mouth to scoff, failed to find suitable words, and closed it again. He had been caught unprepared. A buzz |
| 246 | decidedly unsympathetic to his loss as well as to his predicament in finding Eudokia a suitable burial place and providing her an honorable funeral. There is no mention of Leo |
| $\underline{247}$ | Edmund Wilson and Jason Epstein, the Library of America was meant to provide a suitable typographic domicile for America's best and most important writers. That indeed is how |
| 248 | a lot of upkeep (and money) to help them thrive. (A suitable tank alone can cost $\$ 500$.) He understands the appeal of the cute, |
| 24 | and culture. An important acknowledgment for the younger scholars for whom this book is suitable is that Colonial sources are biased (which many high school students probably have not |
| $\underline{250}$ | relevant objects of study. A crucial element in this study is the development of suitable observation instruments. Producing observation instruments which make virtually no demands on the interpretative ability |
| 251 | woman's unique and supple talents, my mother eagerly enlisted her to find a suitable boy for her troubled daughter. \# My mother, after all, was not |
| $\underline{252}$ | old. Tinker with the dimensions, though, and you could easily make this suitable for a younger kid. Or even an adult, if you're feeling nostalgic |
| 253 | closure is not possible due to size limitations, and colour or depth is not suitable for grafts, then locoregional flaps become the mainstay of repair. The authors present |
| $\underline{254}$ | each other for exchange of information (limited though it was), access to suitable housing, strategic resources, and child care. \# Although the city was intended |
| 255 | cottage for Judy, Nathan's mother, to paint in, and a very suitable garage space where Paul, Nathan's father, could have a kiln and a |
| $\underline{256}$ | the eight hundred-acre tract. He was interested in growing varieties of fruits that were suitable for the southern climate, but because he was a novice Coleman did not pay |
| 257 | addition, some students may need to learn how to apply their schema in a suitable manner. One student in the Treatment group wrote about getting confused between the background |
| $\underline{258}$ | out by a professor in gynecology and obstetrics. This guaranteed that each participant was suitable to use a combined monophasic OCP that contained 30 ? g of ethinylestradiol and 3 |
| $\underline{259}$ | each a totally cool Pilot Precise Rolling Ball Pen with an Extra Fine Point, suitable for use on architectural drawings, as a personal gift from Teacher, pens that |
| $\underline{260}$ | all pupils. The educational program shall provide a general education for all pupils and suitable special education for exceptional children handicapped, gifted and talented. \# Gifted children and |
| $\underline{261}$ | " Daklar Bolbay! " snapped Sard. " You will treat Scholar Huld with suitable respect. " " Respect? " sneered Bolbay. " Like that which he |
| $\underline{262}$ | can yet refute by demonstrating that another instrument with less adverse impact would be equally suitable within the selection process. \# Even a cursory review of the litigation will indicate |
| $\underline{263}$ | in China said the Yangtze River project also was flawed by inadequate plans to find suitable new farmland or factory jobs for those being resettled. At least 1.2 million people |
| $\underline{264}$ | during the course of the hearings, when the question about whether Judge Thomas was suitable for the court was before the country. The question of whether Bill Clinton should |
| $\underline{265}$ | and 250 Civil War experts who urged Walmart and the county to find a more suitable location. \# But those pleas were ignored. In August 2009, the county |
| $\underline{266}$ | the railing, his face angled toward the stars. " Benito Casamayor has a suitable boat. And he is in need of money. But he will want a |
| $\underline{267}$ | representatives. 7 \# The programs have become embroiled in debates, however, over a suitable methodology for establishing product standards. A consultants' report prepared for EPA observed: |
| 268 | a project to help older people develop accounts of events in their fives that were suitable to relate to younger children. Teachers, students, and the story tellers all |

host declines. Then they start producing winged females, which disperse to hundreds of suitable host plants. \# These winged aphids are truly nefarious. Moving from plant to plant activities suitable for the subject effectively, setting strategies for teaching some concepts of science, and
271 to be remembered, I thought. The kindest person she ever knew. A suitable legacy for a successful life. Grama would have been pleased, I'm sure
272 Geneva). In it, Duchamp seems to be urinating without recourse to a suitable readymade such as his famous Fountain, but for all the precision brushwork, Dali
273 moderately priced white wines from these two neglected varietals, which had long been thought suitable only for blending into generic jug wines. An end to the tyranny of overpriced
274 the absence of strong political institutions can lead to political decay and instability. 11 Developing suitable institutions is a slow and difficult process. Although extensive television coverage has drawn attention
275 particularly in Grades 1-3. However, our goal was the development of a scale suitable for use with children of a wide range of age and ability levels. Further
276 policy issues -- these democracies understand, as well, that nonresponsible courts are not suitable means for governing. Far from being " good " in Dworkin's sense --
zarzuela singing of their philandering mother, I finally heard that the Spanish language was suitable for romance, when the lovestruck youngest sister, Luz, lost all patience with diminutive white flowers that bloom for months. \# There aren't many deciduous shrubs suitable for Zone 1, but one good one is the dwarf pomegranate (Punica granatum
279 . How to order for a 3-year-old? How to choose a place that's suitable for adults and kids? How to keep the latter happy at a fancy place
280 splinters, stubbed or broken toes and other injuries. Wear boat shoes or other suitable footwear to avoid such accidents. -- When under way, never allow guests to
281 stay fresh throughout the rehearsal process. The difficulty level makes " Variation Overture " suitable for most junior high bands, many middle school ensembles, and practically any high proprioceptive information to perceive the body's spatial orientation, and thus was considered more suitable than the Embedded-Figures Test for sport-related participants (Raviv \&; Nabel, 1990; Brady
283 extending access to the neck bilaterally. Bilateral neck exploration was performed to identify a suitable donor vessel for microvascular anastomosis. A marginal mandibulectomy extending from left of midline to
, right, moving around? Gen-McCAFFREY: Well, they're -- they're suitable for artillery shells, for Air Force bombs, for missiles. There are some
285 are interested in more information, the CPSC has developed booklets offering suggestions for selecting suitable toys for children. The booklets- " Which Toy for Which Child: A Consumer think of personality as the mask that the soul wears in any given incarnation, suitable for the time and circumstances, one mask per life. An Adept such as
287 been designed with small holes that direct the air flow onto a plate containing a suitable agar medium. The desired volume of air to be tested can be chosen by
288 investigation was to develop and assess a modified ABR technique to obtain frequency-specific ABR thresholds suitable for predicting pure-tone thresholds at $500,1,0002,000$ and $3,000 \mathrm{~Hz}$. This technique
289 ; Eastwood and Pollard 1987). Geographic conditions favorable to illicit coca cultivation include suitable soil and climate, and large, remote stretches of land with little to no
290 other, and from the top of the hill to the bottom. Finding a suitable soil right beneath the spot on which you have chosen to build your house is similarity of husband and wife scores indicates that a dyadic level of explanation is more suitable. Figure 1a shows a graphic representation of the dyadic hypothesis, in which the
292 held, on 24-hours notice, before March 31, when waves and weather are suitable. -- The easiest way to see the contest is not to go. The
293 why Shady Fork, you ask? The world is filled with many, equally suitable hells. Well, I'd like to have a deep, very existential reason

294 2003). Due to cultural differences, monocultural play therapy techniques may not be suitable for all children. Different sets of therapeutic guidelines, procedures, and strategies may
295 the urn that he could not see it. He could never decide on a suitable place for scattering the ashes, but he was certain that someday he would know
296 projection purposes, there may be other reasons why the collected data may not be suitable for direct use. Not all configurations in a series may be suitable for use
bridges of understanding narrative rests on the idea that art is prime evidence or a suitable bearer of Middle Easterners' humanity, but it is a very particular definition of
till the soil, remove the rocks, and make the places where you live suitable for splendid gardens. We will then move you to new locations and you can
299 to go through, a little procedure with them, to see if they're suitable. NEARY: What kinds of questions are you getting from them? What are
300
provide a classic example of how the introduction of an exotic crop can,
given suitable economic, social, and ecological conditions, result in the establishment, evolution,

## BIOGRAPHY

| Name | Mr. Natthapon Petcharat |
| :--- | :--- |
| Date of Birth | January 11, 1988 |
| Educational Attainment | 2007-2011: Bachelor of Education (First Class <br> Honors and Gold Medal for Highest Achievement), <br> Chulalongkorn University |
| Work Position | English Teacher <br> Advanced Institute of Multi Studies (aims) |
| Work Experiences | 2014-present: English Teacher <br>  <br> Advanced Institute of Multi Studies (aims) <br> $2012-2013: ~ A c a d e m i c ~ P r o d u c t i o n ~ O f f i c e r ~$ |
|  | Enconcept E-Academy, LearnBalance Group |

